



ABSTRACT

This report discusses the results of the total ionizing dose (TID) testing for TPS7H5008-SEP, Texas Instruments 4-V to 14-V radiation-tolerant, current mode, dual output PWM controller optimized for DC-DC converters in space applications. The study was done to determine TID effects under high dose rate (HDR) up to 50 krad(Si). The results show that all samples passed within the specified limits up to 50 krad(Si).

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Trademarks

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1 Device Information

1.1 Product Description

The TPS7H5008-SEP is a dual output radiation-tolerant PWM controller suited for usage in non-synchronous push-pull and full-bridge topologies. The controller has configurable leading edge blank time. The maximum duty cycle for this device is 50% and is attained by connecting the DCL pin to AVSS. The device has high switching frequency capability, small footprint, and 0.613-V \pm 1% reference.

The TPS7H5008-SEP can be driven using an external clock through the SYNC pin or run using its internal oscillator at a frequency programmed by the user. The TPS7H5008-SEP is packaged in a very small 24-pin TSSOP (thin-shrink, small outline) package.

1.2 Device Details

[Table 1-1](#) lists the device information used in the initial TID HDR characterization.

Table 1-1. Device and Exposure Details

TID Exposure Details	
TI Device	TPS7H5008-SEP
TI Part Name	TPS7H5008MPWTSEP
Package	24-pin TSSOP
Technology	LBC7
Quantity Tested	47
Lot Accept/Reject	All levels tested and passed up to 50 krad(Si)
HDR Radiation Facility	Texas Instruments - Dallas, TX
HDR Dose Level	20 krad(Si), 30 krad(Si), 50 krad(Si)
HDR Dose Rate	249.64 rads(Si)/s [247.52 to 253.16 rad(Si)/s]
HDR Radiation Source	Gammacell (Hopewell, GR420) Co-60
Irradiation Temperature	Ambient room temperature

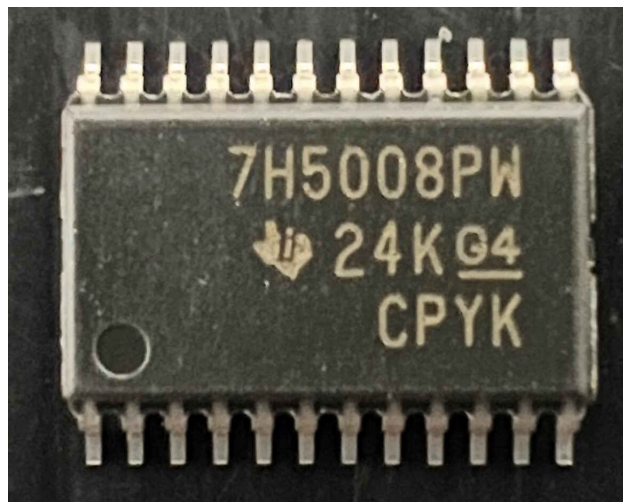


Figure 1-1. TPS7H5008-SEP Device Image

2 Total Dose Test Setup

2.1 Test Overview

The TPS7H5008-SEP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, Condition A was used. The product was irradiated up to the target radiation level, and then put through full electrical parametric testing on the production automated test equipment (ATE). All devices remained functional passing all parametric test limits.

2.2 Test Description and Facilities

The TPS7H5008-SEP HDR exposure was performed on biased and unbiased devices in a Co-60 gamma cell at TI facility in Dallas, Texas. The un-attenuated dose rate of this cell is 249.64 rads(Si)/s [247.52 to 253.16 rad(Si)/s]. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and full post-radiation electrical evaluation using Texas Instruments ATE was conducted. ATE test limits are set per data sheet electrical limits based on qualification and characterization data. Post-radiation measurements were taken within 30 minutes of removing the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post-radiation measurements.

2.3 Test Setup Details

The devices under HDR exposure were tested in two conditions, biased and unbiased, as described in the following.

2.3.1 Unbiased

For the unbiased HDR conditions, the exposure was performed with all pins grounded.

2.3.2 Biased

Figure 2-1 shows the diagram for HDR exposure with biased condition.

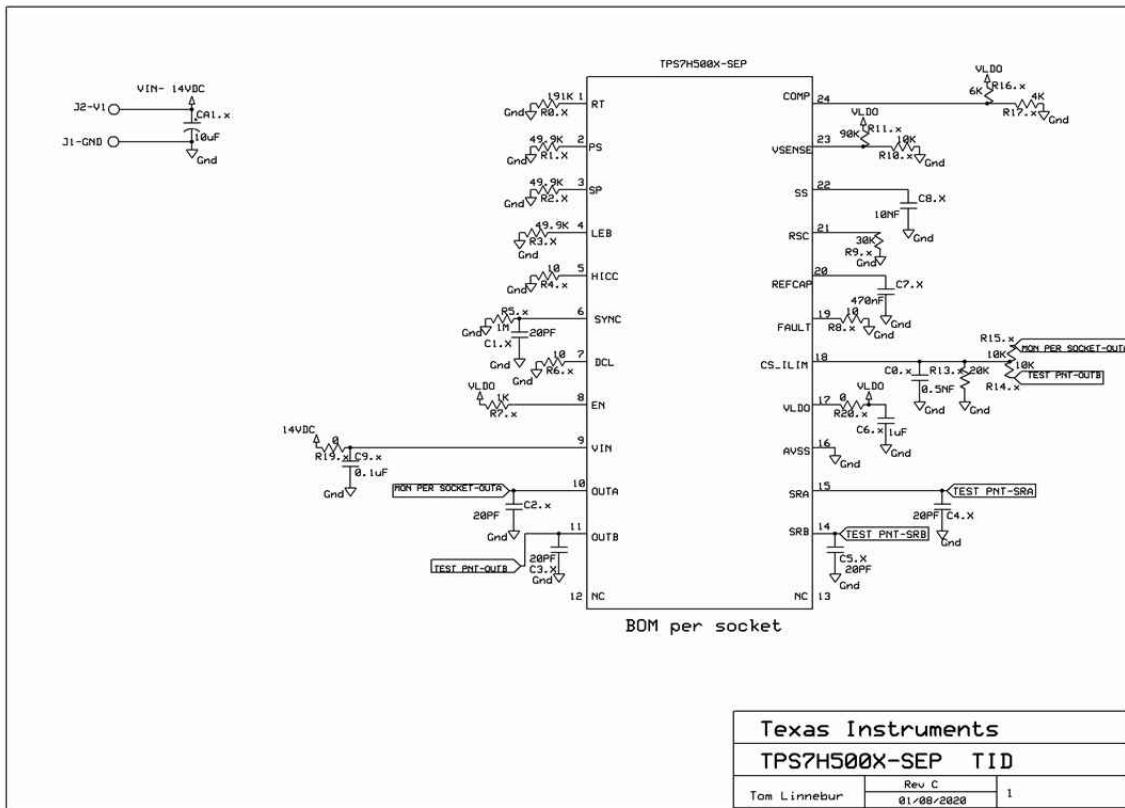


Figure 2-1. Bias Diagram Used in TID Exposure

2.4 Test Configuration and Condition

HDR devices were stressed at 20 krad(Si), 30 krad(Si), and 50 krad(Si) for biased and unbiased conditions.

Table 2-1. HDR: 20-krad(Si) to 50-krad(Si)/s Biased Device Information

Total Samples: 32		
Exposure Levels		
20 krad(Si)	30 krad(Si)	50 krad(Si)
1, 2, 3, 4, 5	11, 12, 13, 14, 15	21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42

Table 2-2. HDR: 20-krad(Si) to 50-krad(Si)/s Unbiased Device Information

Total Samples: 15		
Exposure Levels		
20 krad(Si)	30 krad(Si)	50 krad(Si)
6, 7, 8, 9, 10	16, 17, 18, 19, 20	43, 44, 45, 46, 47

3 TI Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the TPS7H5008-SEP passes up to 50-krad(Si) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the data sheet limits.

Overall, the TPS7H5008-SEP showed a strong degree of hardness to HDR TID irradiation up to 50 krad(Si) for both biased and unbiased exposure conditions. The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at each dose level for both biased and unbiased. The parameters that did show a greater degree of change between pre- and post-irradiation were still within the electrical performance characteristics specified in the data sheet electrical parameters. See [TPS7H500x-SEP Radiation-Tolerant 2-MHz Current Mode PWM Controllers in Space Enhanced Plastic data sheet](#) for the data sheet electrical parameters and associated tests.

See [Appendix A](#) for specifications requiring clarification.

See [Appendix B](#) for HDR report up to 50 krad(Si).

3.2 Specification Compliance Matrix

Table 3-1. TPS7H5008-SEP Electrical Parameters Table

PARAMETER	TEST CONDITION	TPS7H5008-SEP DATA SHEET				TEST #
		MIN	TYP	MAX	UNIT	
SUPPLY VOLTAGES AND CURRENTS						
IDD Operating supply current	$f_{SW} = 500$ kHz, No load for OUTA, OUTB, SRA, and SRB		6.25	8	mA	5.24 __IDD_ACT_500K_NOLOAD_4V, 5.25 __IDD_ACT_500K_NOLOAD_5V, 5.26 __IDD_ACT_500K_NOLOAD_12V, 5.27 __IDD_ACT_500K_NOLOAD_14V
	$f_{SW} = 1$ MHz, No load for OUTA, OUTB, SRA, and SRB		6.75	9.5	mA	5.28 __IDD_ACT_1M_NOLOAD_4V, 5.29 __IDD_ACT_1M_NOLOAD_5V, 5.30 __IDD_ACT_1M_NOLOAD_12V, 5.31 __IDD_ACT_1M_NOLOAD_14V
	$f_{SW} = 2$ MHz, No load for OUTA, OUTB, SRA, and SRB		8.5	13.5	mA	5.36 __IDD_ACT_2M_NOLOAD_4V, 5.37 __IDD_ACT_2M_NOLOAD_5V, 5.38 __IDD_ACT_2M_NOLOAD_12V, 5.39 __IDD_ACT_2M_NOLOAD_14V
	$f_{SW} = 500$ kHz, $C_{LOAD} = 100$ pF for OUTA, OUTB, SRA, and SRB		7.5	9.5	mA	5.48 __IDD_ACT_500K_4V, 5.49 __IDD_ACT_500K_5V, 5.50 __IDD_ACT_500K_12V, 5.51 __IDD_ACT_500K_14V
	$f_{SW} = 1$ MHz, $C_{LOAD} = 100$ pF for OUTA, OUTB, SRA, and SRB		9	12	mA	5.52 __IDD_ACT_1M_4V, 5.53 __IDD_ACT_1M_5V, 5.54 __IDD_ACT_1M_12V, 5.55 __IDD_ACT_1M_14V
	$f_{SW} = 2$ MHz, $C_{LOAD} = 100$ pF for OUTA, OUTB, SRA, and SRB		14	19.5	mA	5.60 __IDD_ACT_2M_4V, 5.61 __IDD_ACT_2M_5V, 5.62 __IDD_ACT_2M_12V, 5.63 __IDD_ACT_2M_14V
I _{DD(dis)} Standby current	EN = 0 V			3	mA	5.1 __IDD_DIS_4V, 5.2 __IDD_DIS_5V, 5.3 __IDD_DIS_12V, 5.4 __IDD_DIS_14V
VLDO Internal linear regulator output voltage	5 V ≤ VIN ≤ 14 V, $f_{sw} \leq 1$ MHz	4.75	5	5.2	V	5.65 __V_LDO_100K_5V, 5.66 __V_LDO_100K_12V, 5.67 __V_LDO_100K_14V, 5.69 __V_LDO_200K_5V, 5.70 __V_LDO_200K_12V, 5.71 __V_LDO_200K_14V, 5.73 __V_LDO_500K_5V, 5.74 __V_LDO_500K_12V, 5.75 __V_LDO_500K_14V, 5.77 __V_LDO_1M_5V, 5.78 __V_LDO_1M_12V, 5.79 __V_LDO_1M_14V
	5 V ≤ VIN ≤ 14 V, $f_{sw} = 2$ MHz	4.65	5	5.2	V	5.85 __V_LDO_2M_5V, 5.86 __V_LDO_2M_12V, 5.87 __V_LDO_2M_14V
ENABLE AND UNDERVOLTAGE LOCKOUT						
V _{ENR} EN threshold rising		0.57	0.6	0.65	V	6.5 __V_EN_RISE_4V, 6.8 __V_EN_RISE_5V, 6.11 __V_EN_RISE_12V, 6.14 __V_EN_RISE_14V
V _{ENF} EN threshold falling		0.47	0.5	0.55	V	6.6 __V_EN_FALL_4V, 6.9 __V_EN_FALL_5V, 6.12 __V_EN_FALL_12V, 6.15 __V_EN_FALL_14V
V _{ENH} EN hysteresis voltage		85	95	105	mV	6.7 __V_EN_HYS_4V, 6.10 __V_EN_HYS_5V, 6.13 __V_EN_HYS_12V, 6.16 __V_EN_HYS_14V
I _{EN} EN pin input leakage current	VIN = 14 V, EN = 5 V		5	50	nA	6.1 __I_EN_LEAK_4V, 6.2 __I_EN_LEAK_5V, 6.3 __I_EN_LEAK_12V, 6.4 __I_EN_LEAK_14V
VLDO _{UVLOR} VLDO UVLO rising		3.44	3.55	3.66	V	6.34 __UVLO_VLDO_RISE_1MHz, 6.37 __UVLO_VLDO_RISE_100kHz, 6.40 __UVLO_VLDO_RISE_200kHz, 6.43 __UVLO_VLDO_RISE_500kHz, 6.46 __UVLO_VLDO_RISE_2MHz
VLDO _{UVLOF} VLDO UVLO falling		3.29	3.4	3.51	V	6.35 __UVLO_VLDO_FALL_1MHz, 6.38 __UVLO_VLDO_FALL_100kHz, 6.41 __UVLO_VLDO_FALL_200kHz, 6.44 __UVLO_VLDO_FALL_500kHz, 6.47 __UVLO_VLDO_FALL_2MHz
VLDO _{UVLOH} VLDO UVLO hysteresis		115	135	160	mV	6.36 __UVLO_VLDO_HYS_1MHz, 6.39 __UVLO_VLDO_HYS_100kHz, 6.42 __UVLO_VLDO_HYS_200kHz, 6.45 __UVLO_VLDO_HYS_500kHz, 6.48 __UVLO_VLDO_HYS_2MHz
SOFT START						
I _{SS} Soft-start current	SS = 0.3 V	1.98	2.7	3.32	μA	7.1 __I_SS_4V, 7.3 __I_SS_5V, 7.5 __I_SS_12V, 7.7 __I_SS_14V
ERROR AMPLIFIER						
E _{A_{gm}} Transconductance	-2 μA < I _{COMP} < 2 μA, V _(COMP) = 1 V	1150	1800	2500	μA/V	8.9 __EA_GM_4V, 8.10 __EA_GM_5V, 8.11 __EA_GM_12V, 8.12 __EA_GM_14V

Table 3-1. TPS7H5008-SEP Electrical Parameters Table (continued)

PARAMETER	TEST CONDITION	TPS7H5008-SEP DATA SHEET				TEST #
		MIN	TYP	MAX	UNIT	
EA _{ISRC} Error amplifier source current	V _(COMP) = 1 V, 100-mV input overdrive	100		190	μA	8.13 __EA_I_SOURCE_4V, 8.14 __EA_I_SOURCE_5V, 8.15 __EA_I_SOURCE_12V, 8.16 __EA_I_SOURCE_14V
EA _{SINK} Error amplifier sink current	V _(COMP) = 1 V, 100-mV input overdrive	100		190	μA	8.17 __EA_I_SINK_4V, 8.18 __EA_I_SINK_5V, 8.19 __EA_I_SINK_12V, 8.20 __EA_I_SINK_14V
EA _{OS} Error amplifier offset voltage		-2		2	mV	8.5 __EA_OS_4V, 8.6 __EA_OS_5V, 8.7 __EA_OS_12V, 8.8 __EA_OS_14V
OSCILLATOR						
SYNC _{RT} SYNC out low-to-high rise time (10%/90%)	C _{LOAD} = 25 pF		6	15	ns	9.1 __T_SYNC_RISE_100kHz_4V, 9.5 __T_SYNC_RISE_200kHz_4V, 9.9 __T_SYNC_RISE_500kHz_4V, 9.13 __T_SYNC_RISE_1MHz_4V, 9.17 __T_SYNC_RISE_1p5MHz_4V, 9.21 __T_SYNC_RISE_2MHz_4V, 9.25 __T_SYNC_RISE_100kHz_5V, 9.29 __T_SYNC_RISE_200kHz_5V, 9.33 __T_SYNC_RISE_500kHz_5V, 9.37 __T_SYNC_RISE_1MHz_5V, 9.41 __T_SYNC_RISE_1p5MHz_5V, 9.45 __T_SYNC_RISE_2MHz_5V, 9.49 __T_SYNC_RISE_100kHz_12V, 9.53 __T_SYNC_RISE_200kHz_12V, 9.57 __T_SYNC_RISE_500kHz_12V, 9.61 __T_SYNC_RISE_1MHz_12V, 9.65 __T_SYNC_RISE_1p5MHz_12V, 9.69 __T_SYNC_RISE_2MHz_12V, 9.73 __T_SYNC_RISE_100kHz_14V, 9.77 __T_SYNC_RISE_200kHz_14V, 9.81 __T_SYNC_RISE_500kHz_14V, 9.85 __T_SYNC_RISE_1MHz_14V, 9.89 __T_SYNC_RISE_1p5MHz_14V, 9.93 __T_SYNC_RISE_2MHz_14V
SYNC _{FT} SYNC out high-to-low fall time (10%/90%)	C _{LOAD} = 25 pF		6	17	ns	9.2 __T_SYNC_FALL_100kHz_4V, 9.14 __T_SYNC_FALL_1MHz_4V, 9.22 __T_SYNC_FALL_2MHz_4V, 9.26 __T_SYNC_FALL_100kHz_5V, 9.38 __T_SYNC_FALL_1MHz_5V, 9.46 __T_SYNC_FALL_2MHz_5V, 9.74 __T_SYNC_FALL_100kHz_14V, 9.86 __T_SYNC_FALL_1MHz_14V, 9.94 __T_SYNC_FALL_2MHz_14V
SYNC _{OL} SYNC out low level	I _{OL} = 10 mA			500	mV	9.186 __SYNC_VOL_4V, 9.187 __SYNC_VOL_5V, 9.188 __SYNC_VOL_12V, 9.189 __SYNC_VOL_14V
EXT _{DT} Externally set frequency detection time	RT = Open, f = 200 kHz			20	μs	9.185 __T_SYNC_DETECT
FSW _{EXT} Externally set frequency	RT = 1.07 MΩ	95	105	115	kHz	9.4 __FSW_EXT_RT_100kHz_4V, 9.28 __FSW_EXT_RT_100kHz_5V, 9.52 __FSW_EXT_RT_100kHz_12V, 9.76 __FSW_EXT_RT_100kHz_14V
	RT = 511 kΩ	190	210	230	kHz	9.8 __FSW_EXT_RT_200kHz_4V, 9.32 __FSW_EXT_RT_200kHz_5V, 9.56 __FSW_EXT_RT_200kHz_12V, 9.80 __FSW_EXT_RT_200kHz_14V
	RT = 90.9 kΩ	900	1000	1100	kHz	9.16 __FSW_EXT_RT_1MHz_4V, 9.40 __FSW_EXT_RT_1MHz_5V, 9.64 __FSW_EXT_RT_1MHz_12V, 9.88 __FSW_EXT_RT_1MHz_14V
	RT = 34.8 kΩ	1700	2000	2300	kHz	9.24 __FSW_EXT_RT_2MHz_4V, 9.48 __FSW_EXT_RT_2MHz_5V, 9.72 __FSW_EXT_RT_2MHz_12V, 9.96 __FSW_EXT_RT_2MHz_14V
VOLTAGE REFERENCE						
VREF Internal voltage reference initial tolerance	Measured at COMP, 25°C	0.609	0.613	0.615	V	8.1 __VREF_4V, 8.2 __VREF_5V, 8.3 __VREF_12V, 8.4 __VREF_14V

Table 3-1. TPS7H5008-SEP Electrical Parameters Table (continued)

PARAMETER	TEST CONDITION	TPS7H5008-SEP DATA SHEET				TEST #
		MIN	TYP	MAX	UNIT	
REFCAP REFCAP voltage	REFCAP = 470 nF	1.213	1.225	1.237	V	5.88 __V_REFCAP_100K_4V, 5.89 __V_REFCAP_100K_5V, 5.90 __V_REFCAP_100K_12V, 5.91 __V_REFCAP_100K_14V, 5.92 __V_REFCAP_200K_4V, 5.93 __V_REFCAP_200K_5V, 5.94 __V_REFCAP_200K_12V, 5.95 __V_REFCAP_200K_14V, 5.96 __V_REFCAP_500K_4V, 5.97 __V_REFCAP_500K_5V, 5.98 __V_REFCAP_500K_12V, 5.99 __V_REFCAP_500K_14V, 5.100 __V_REFCAP_1M_4V, 5.101 __V_REFCAP_1M_5V, 5.102 __V_REFCAP_1M_12V, 5.103 __V_REFCAP_1M_14V, 5.104 __V_REFCAP_1P5M_4V, 5.105 __V_REFCAP_1P5M_5V, 5.106 __V_REFCAP_1P5M_12V, 5.107 __V_REFCAP_1P5M_14V, 5.108 __V_REFCAP_2M_4V, 5.109 __V_REFCAP_2M_5V, 5.110 __V_REFCAP_2M_12V, 5.111 __V_REFCAP_2M_14V
CURRENT SENSE, CURRENT LIMIT, AND HICCUF						
CCSR	COMP to CS_ILIM ratio	2.00	2.06	2.12		10.49 __CCSR_Ratio
V _{CS_ILIM} Current limit (over-current) threshold			1.05	1.09	V	10.1 __V_CS_ILIM_OC_Rise_4V, 10.3 __V_CS_ILIM_OC_Rise_5V, 10.5 __V_CS_ILIM_OC_Rise_12V, 10.7 __V_CS_ILIM_OC_Rise_14V
FAULT						
V _{FLTR} FLT threshold rising		0.57	0.6	0.65	V	12.1 __V_FAULT_RISE_4V, 12.4 __V_FAULT_RISE_5V, 12.7 __V_FAULT_RISE_12V, 12.10 __V_FAULT_RISE_14V
V _{FLTF} FLT threshold falling		0.47	0.5	0.55	V	12.2 __V_FAULT_FALL_4V, 12.5 __V_FAULT_FALL_5V, 12.8 __V_FAULT_FALL_12V, 12.11 __V_FAULT_FALL_14V
V _{FLTH} FLT hysteresis voltage		90	100	110	mV	12.3 __V_FAULT_HYS_4V, 12.6 __V_FAULT_HYS_5V, 12.9 __V_FAULT_HYS_12V, 12.12 __V_FAULT_HYS_14V
T _{FLT} FLT minimum pulse width	V _{FLT} = 1 V	0.4		1.4	μs	12.14 __T_FAULT_MIN
t _{DFLT} FLT delay duration	f _{sw} = 100 kHz	140	152	169	μs	12.15 __T_FAULT_DELAY_100kHz
	f _{sw} = 200 kHz	66	78	86	μs	12.17 __T_FAULT_DELAY_200kHz
	f _{sw} = 1 MHz	14	17	21	μs	12.21 __T_FAULT_DELAY_1MHz
	f _{sw} = 2 MHz	7	11	14	μs	12.23 __T_FAULT_DELAY_2MHz
PRIMARY AND SYNCHRONOUS RECTIFIER OUTPUTS						
Rise/fall time	R _{LOAD} = 50 kΩ, C _{LOAD} = 100 pF, 10% to 90%		10	17	ns	13.1 __OUTA_RISE_1MHz_4V, 13.9 __OUTA_RISE_1MHz_5V, 13.17 __OUTA_RISE_1MHz_12V, 13.25 __OUTA_RISE_1MHz_14V, 13.3 __OUTA_FALL_1MHz_4V, 13.11 __OUTA_FALL_1MHz_5V, 13.19 __OUTA_FALL_1MHz_12V, 13.27 __OUTA_FALL_1MHz_14V, 13.2 __OUTB_RISE_1MHz_4V, 13.10 __OUTB_RISE_1MHz_5V, 13.18 __OUTB_RISE_1MHz_12V, 13.26 __OUTB_RISE_1MHz_14V, 13.4 __OUTB_FALL_1MHz_4V, 13.12 __OUTB_FALL_1MHz_5V, 13.20 __OUTB_FALL_1MHz_12V, 13.28 __OUTB_FALL_1MHz_14V
t _{MIN} Minimum on-time LEB = 10 kΩ	LEB = 10 kΩ, 5 V ≤ VIN ≤ 14 V			85	ns	13.145 __OUT_T_ON_MIN
DUTY CYCLE						
D _{MAX} Maximum duty cycle	DCL = AVSS	45	48	50	%	13.160 __MAX_DC_DCL_AVSS

4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, [TPS7H500x-SEP Radiation-Tolerant 2-MHz Current Mode PWM Controllers in Space Enhanced Plastic data sheet](#)
- Texas Instruments, [TPS7H500xEVM Evaluation Module \(EVM\) user's guide](#)

4.2 Reference Documents

Texas Instruments total ionizing dose radiation (total dose) test procedure follows the standards put forth in MIL-STD-883 TM 1019. The document can be found at the DLA website.

5 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision * (June 2022) to Revision A (July 2022)	Page
• Changed device name from PTPS7H5008MPWSEP to TPS7H5008MPWTSEP.....	2

A Appendix: Specifications Requiring Clarification

Table A-1. Specifications Requiring Clarification - Set #1

Data sheet specifications for which parametric data is unavailable were not included in the TID report. Functionality assured by ATE testing.

PARAMETER	TEST CONDITION	TPS7H5008-SEP DATA SHEET			
		MIN	TYP	MAX	UNIT
V _{IN} Operating voltage		4		14	V
F _{SYNC} SYNC in frequency range		200		4000	kHz
D _{SYNC} SYNC in duty cycle	Duty cycle of external clock	40		60	%

Table A-2. Specifications Requiring Clarification - Set #2

Data sheet specifications verified by bench testing were not included in the TID report. TID testing was by ATE.

PARAMETER	TEST CONDITION	TPS7H5008-SEP DATA SHEET			
		MIN	TYP	MAX	UNIT
E _{A_{DC}} DC gain	V _{SENSE} = 0.6 V		10000		V/V
E _{A_{r_o}} Error amplifier output resistance			7		MΩ
E _{A_{I_B}} Error amplifier bias current				35	nA
E _{A_{B_W}} Bandwidth			10		MHz
S _{Y_NC_{I_L}} SYNC in low-level	V _{IN} < 5 V			0.8	V
	V _{IN} ≥ 5 V			0.8	
S _{Y_NC_{I_H}} SYNC in high-level	V _{IN} < 5 V		3.5		V
	V _{IN} ≥ 5 V		3.5		
(V _{LDO} - S _{Y_NC_{O_H}}) SYNC out high level	I _{OH} = 10 mA			0.5	V

Table A-3. Specifications Requiring Clarification - Set #3

Data sheet specifications for which *MIN* and *MAX* values are unavailable were not included in the TID report. Functionality assured by ATE testing.

PARAMETER	TEST CONDITION	TPS7H5008-SEP DATA SHEET			
		MIN	TYP	MAX	UNIT
I _{HICC_DEL} Hiccup delay current	CS _{LIM} = 1.3 V, COMP = 3 V, V _{SENSE} = REFCAP/2 V, C _{HICC} = 3 nF, LEB = 49.9 kΩ, f _{SW} = 100 kHz		80		μA
I _{HICC_RST} Hiccup restart current			1		μA
V _{HICC_PU} Hiccup pull-up threshold			1.0		V
V _{HICC_SD} Hiccup shut-down threshold			0.6		V
V _{HICC_RS} T Hiccup restart threshold			0.3		V
Slope compensation	f _{SW} = 100 kHz, RSC = 1.18 MΩ		0.033		V/μs
	f _{SW} = 200 kHz, RSC = 562 kΩ		0.066		
	f _{SW} = 1000 kHz, RSC = 100 kΩ		0.333		
	f _{SW} = 2000 kHz, RSC = 49.9 kΩ		0.666		

Table A-3. Specifications Requiring Clarification - Set #3 (continued)

Data sheet specifications for which *MIN* and *MAX* values are unavailable were not included in the TID report. Functionality assured by ATE testing.

PARAMETER	TEST CONDITION	TPS7H5008-SEP DATA SHEET			
		MIN	TYP	MAX	UNIT
PRIMARY AND SYNCHRONOUS RECTIFIER OUTPUTS					
Low-level threshold	$I_{\text{SINK}} = 10 \text{ mA}$		0.5		V
High-level threshold	$I_{\text{SOURCE}} = 10 \text{ mA}$		4.5		V
R _{SRC_P} Output source resistance	$I_{\text{OUT}} = 20 \text{ mA}$		15		Ω
R _{SINK_P} Output sink resistance	$I_{\text{OUT}} = 20 \text{ mA}$		15		Ω

Table A-4. Specifications Requiring Clarification - Set #4

Data sheet specifications for which temperature condition was other than 25°C were not included in the TID report. TID testing was at 25°C only.

PARAMETER	TEST CONDITION	TPS7H5008-SEP DATA SHEET			
		MIN	TYP	MAX	UNIT
VREF Internal voltage reference	Measured at COMP, -55°C	0.607	0.609	0.612	V
	Measured at COMP, +125°C	0.611	0.614	0.617	

B Appendix: HDR TID Report Data

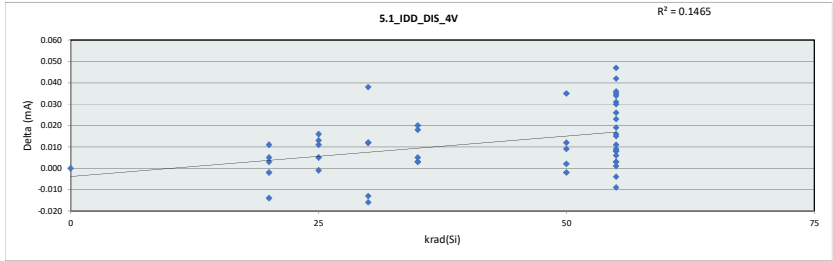
This appendix contains the HDR TID report data.

HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

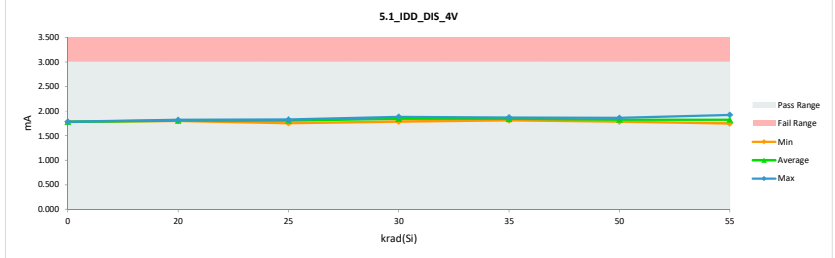
5.1_IDD_DIS_4V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	2.6	3
Min Limit	1	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.782	1.782	0.000
25	1	1.803	1.808	0.005
25	2	1.813	1.826	0.013
25	3	1.818	1.829	0.011
25	4	1.790	1.806	0.016
25	5	1.753	1.752	-0.001
20	6	1.794	1.797	0.003
20	7	1.803	1.814	0.011
20	8	1.823	1.809	-0.014
20	9	1.817	1.822	0.005
20	10	1.797	1.795	-0.002
35	11	1.806	1.811	0.005
35	12	1.825	1.845	0.020
35	13	1.807	1.825	0.018
35	14	1.869	1.872	0.003
35	15	1.859	1.862	0.003
30	16	1.857	1.869	0.012
30	17	1.852	1.839	-0.013
30	18	1.845	1.883	0.038
30	19	1.803	1.787	-0.016
30	20	1.846	1.858	0.012
55	21	1.887	1.922	0.035
55	22	1.780	1.796	0.016
55	23	1.761	1.767	0.006
55	24	1.772	1.806	0.034
55	25	1.763	1.782	0.019
55	26	1.839	1.881	0.042
55	27	1.772	1.819	0.047
55	28	1.854	1.862	0.008
55	29	1.807	1.830	0.023
55	30	1.717	1.748	0.031
55	31	1.764	1.794	0.030
55	32	1.762	1.798	0.036
55	33	1.785	1.786	0.001
55	34	1.778	1.793	0.015
55	35	1.803	1.794	-0.009
55	36	1.798	1.809	0.011
55	37	1.829	1.832	0.003
55	38	1.810	1.819	0.009
55	39	1.856	1.864	0.008
55	40	1.865	1.891	0.026
55	41	1.863	1.859	-0.004
55	42	1.885	1.888	0.003
50	43	1.802	1.811	0.009
50	44	1.749	1.784	0.035
50	45	1.850	1.862	0.012
50	46	1.832	1.834	0.002
50	47	1.839	1.837	-0.002
	Max	1.887	1.922	0.047
	Average	1.812	1.824	0.012
	Min	1.717	1.748	-0.016
	Std Dev	0.039	0.038	0.015



5.1_IDD_DIS_4V		
Test Site		
Tester		
Test Number		
Max Limit	3	mA
Min Limit	0	mA

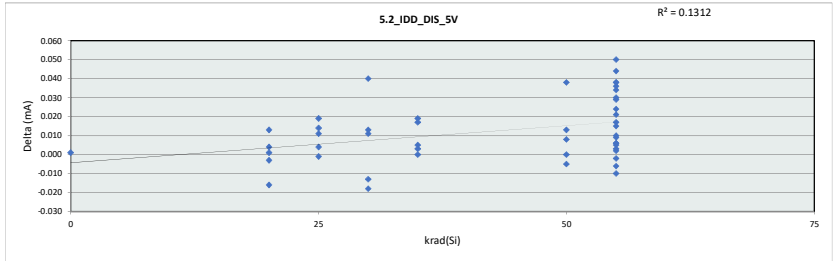
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	1.782	1.795	1.752	1.787	1.811	1.784	1.748
Average	1.782	1.807	1.804	1.847	1.843	1.826	1.825
Max	1.782	1.822	1.829	1.883	1.872	1.862	1.922
UL	3.000	3.000	3.000	3.000	3.000	3.000	3.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

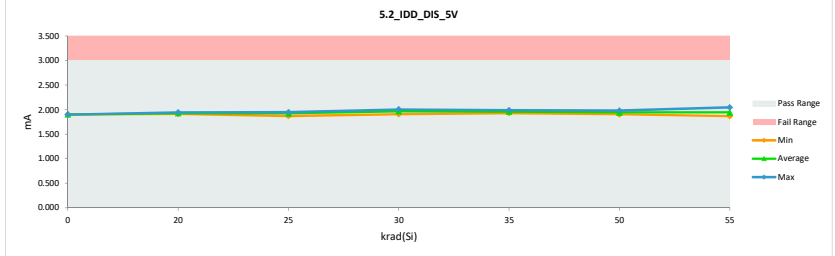
5.2_IDD_DIS_5V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	2.8	3
Min Limit	1	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.898	1.899	0.001
25	1	1.921	1.925	0.004
25	2	1.931	1.945	0.014
25	3	1.935	1.946	0.011
25	4	1.907	1.926	0.019
25	5	1.869	1.868	-0.001
20	6	1.913	1.914	0.001
20	7	1.921	1.934	0.013
20	8	1.941	1.925	-0.016
20	9	1.938	1.942	0.004
20	10	1.915	1.912	-0.003
35	11	1.923	1.928	0.005
35	12	1.943	1.962	0.019
35	13	1.925	1.942	0.017
35	14	1.990	1.990	0.000
35	15	1.979	1.982	0.003
30	16	1.978	1.989	0.011
30	17	1.973	1.960	-0.013
30	18	1.963	2.003	0.040
30	19	1.923	1.905	-0.018
30	20	1.963	1.976	0.013
55	21	2.006	2.044	0.038
55	22	1.897	1.914	0.017
55	23	1.877	1.883	0.006
55	24	1.888	1.924	0.036
55	25	1.878	1.899	0.021
55	26	1.959	2.003	0.044
55	27	1.889	1.939	0.050
55	28	1.975	1.980	0.005
55	29	1.927	1.951	0.024
55	30	1.832	1.866	0.034
55	31	1.881	1.911	0.030
55	32	1.878	1.916	0.038
55	33	1.904	1.902	-0.002
55	34	1.893	1.908	0.015
55	35	1.922	1.912	-0.010
55	36	1.915	1.925	0.010
55	37	1.949	1.951	0.002
55	38	1.927	1.936	0.009
55	39	1.975	1.981	0.006
55	40	1.982	2.011	0.029
55	41	1.983	1.977	-0.006
55	42	2.004	2.007	0.003
50	43	1.921	1.929	0.008
50	44	1.866	1.904	0.038
50	45	1.969	1.982	0.013
50	46	1.951	1.951	0.000
50	47	1.959	1.954	-0.005
	Max	2.006	2.044	0.050
	Average	1.930	1.942	0.012
	Min	1.832	1.866	-0.018
	Std Dev	0.040	0.039	0.016



5.2_IDD_DIS_5V		
Test Site		
Tester		
Test Number		
Max Limit	3	mA
Min Limit	0	mA

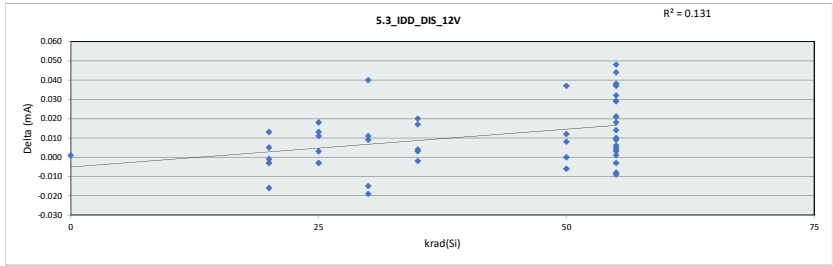
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	1.899	1.912	1.868	1.905	1.928	1.904	1.866
Average	1.899	1.925	1.922	1.967	1.961	1.944	1.943
Max	1.899	1.942	1.946	2.003	1.990	1.982	2.044
UL	3.000	3.000	3.000	3.000	3.000	3.000	3.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

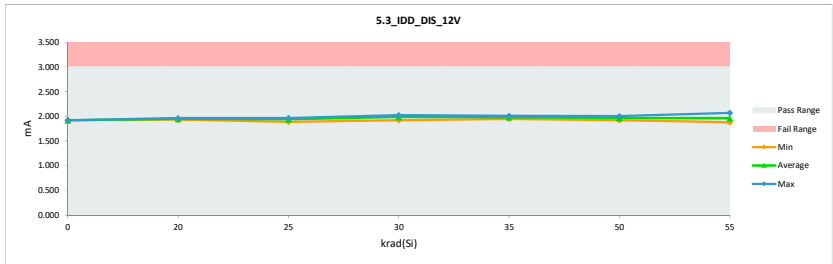
5.3_IDD_DIS_12V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	2.8	3
Min Limit	1	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.918	1.919	0.001
25	1	1.937	1.940	0.003
25	2	1.953	1.966	0.013
25	3	1.956	1.967	0.011
25	4	1.921	1.939	0.018
25	5	1.888	1.885	-0.003
20	6	1.932	1.931	-0.001
20	7	1.939	1.952	0.013
20	8	1.963	1.947	-0.016
20	9	1.956	1.961	0.005
20	10	1.936	1.933	-0.003
35	11	1.943	1.947	0.004
35	12	1.960	1.980	0.020
35	13	1.943	1.960	0.017
35	14	2.008	2.006	-0.002
35	15	1.999	2.002	0.003
30	16	1.997	2.006	0.009
30	17	1.992	1.977	-0.015
30	18	1.980	2.020	0.040
30	19	1.938	1.919	-0.019
30	20	1.986	1.997	0.011
55	21	2.030	2.068	0.038
55	22	1.916	1.934	0.018
55	23	1.899	1.903	0.004
55	24	1.907	1.944	0.037
55	25	1.896	1.917	0.021
55	26	1.978	2.022	0.044
55	27	1.909	1.957	0.048
55	28	1.995	2.000	0.005
55	29	1.947	1.968	0.021
55	30	1.849	1.881	0.032
55	31	1.898	1.927	0.029
55	32	1.892	1.930	0.038
55	33	1.924	1.921	-0.003
55	34	1.912	1.926	0.014
55	35	1.941	1.932	-0.009
55	36	1.937	1.947	0.010
55	37	1.971	1.972	0.001
55	38	1.947	1.956	0.009
55	39	1.991	1.997	0.006
55	40	2.003	2.032	0.029
55	41	2.002	1.994	-0.008
55	42	2.023	2.026	0.003
50	43	1.943	1.951	0.008
50	44	1.884	1.921	0.037
50	45	1.992	2.004	0.012
50	46	1.967	1.967	0.000
50	47	1.982	1.976	-0.006
	Max	2.030	2.068	0.048
	Average	1.950	1.961	0.011
	Min	1.849	1.881	-0.019
	Std Dev	0.041	0.040	0.016



5.3_IDD_DIS_12V		
Test Site		
Tester		
Test Number		
Max Limit	3	mA
Min Limit	0	mA

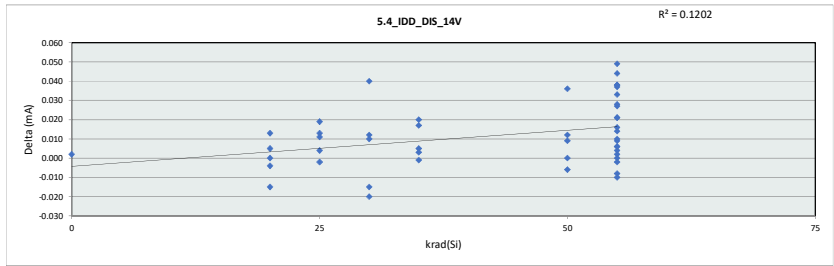
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	1.919	1.931	1.885	1.919	1.947	1.921	1.881
Average	1.919	1.945	1.939	1.984	1.979	1.964	1.962
Max	1.919	1.961	1.967	2.020	2.006	2.004	2.068
UL	3.000	3.000	3.000	3.000	3.000	3.000	3.000



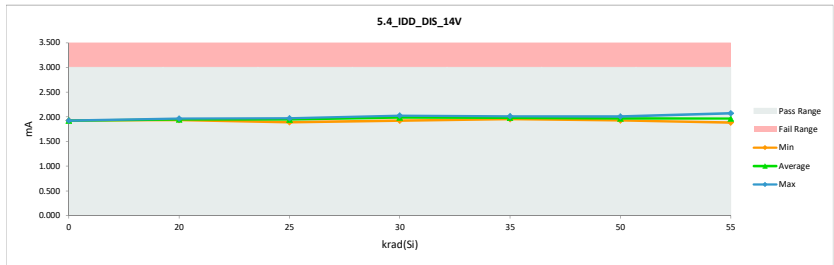
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

5.4_IDD_DIS_14V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	2.8	3
Min Limit	1	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.922	1.924	0.002
25	1	1.941	1.945	0.004
25	2	1.958	1.971	0.013
25	3	1.961	1.972	0.011
25	4	1.925	1.944	0.019
25	5	1.892	1.890	-0.002
20	6	1.936	1.936	0.000
20	7	1.944	1.957	0.013
20	8	1.966	1.951	-0.015
20	9	1.960	1.965	0.005
20	10	1.941	1.937	-0.004
35	11	1.947	1.952	0.005
35	12	1.964	1.984	0.020
35	13	1.947	1.964	0.017
35	14	2.012	2.011	-0.001
35	15	2.003	2.006	0.003
30	16	2.000	2.010	0.010
30	17	1.997	1.982	-0.015
30	18	1.984	2.024	0.040
30	19	1.943	1.923	-0.020
30	20	1.990	2.002	0.012
55	21	2.034	2.072	0.038
55	22	1.921	1.937	0.016
55	23	1.902	1.908	0.006
55	24	1.911	1.948	0.037
55	25	1.899	1.920	0.021
55	26	1.982	2.026	0.044
55	27	1.912	1.961	0.049
55	28	2.000	2.004	0.004
55	29	1.951	1.972	0.021
55	30	1.852	1.885	0.033
55	31	1.903	1.931	0.028
55	32	1.897	1.935	0.038
55	33	1.928	1.926	-0.002
55	34	1.916	1.930	0.014
55	35	1.946	1.936	-0.010
55	36	1.941	1.951	0.010
55	37	1.975	1.975	0.000
55	38	1.952	1.961	0.009
55	39	1.995	2.001	0.006
55	40	2.009	2.036	0.027
55	41	2.006	1.998	-0.008
55	42	2.027	2.029	0.002
50	43	1.947	1.956	0.009
50	44	1.889	1.925	0.036
50	45	1.996	2.008	0.012
50	46	1.972	1.972	0.000
50	47	1.985	1.979	-0.006
	Max	2.034	2.072	0.049
	Average	1.954	1.965	0.011
	Min	1.852	1.885	-0.020
	Std Dev	0.041	0.040	0.016



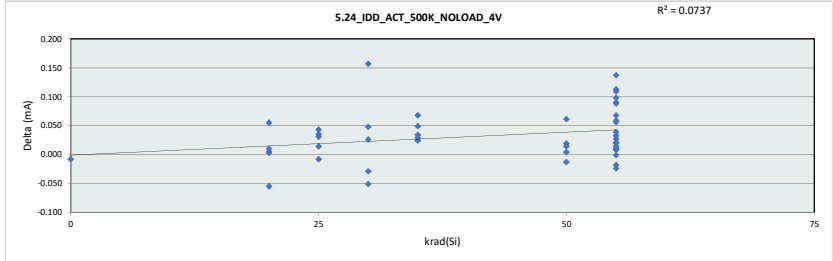
5.4_IDD_DIS_14V		
Test Site		
Tester		
Test Number		
Max Limit	3	mA
Min Limit	0	mA



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

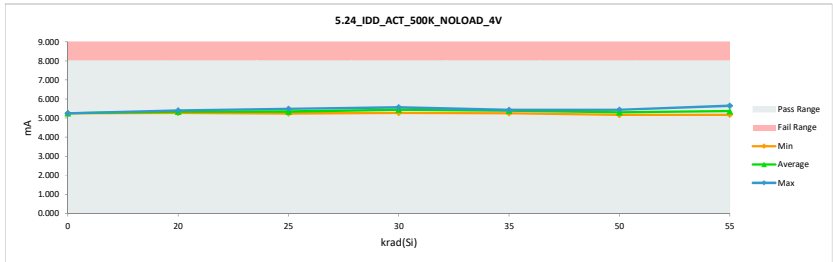
5.24_IDD_ACT_500K_NOLOAD_4V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7.8	8
Min Limit	2	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.263	5.255	-0.008
25	1	5.255	5.247	-0.008
25	2	5.439	5.482	0.043
25	3	5.356	5.391	0.035
25	4	5.311	5.325	0.014
25	5	5.247	5.278	0.031
20	6	5.285	5.290	0.005
20	7	5.389	5.399	0.010
20	8	5.320	5.265	-0.055
20	9	5.295	5.350	0.055
20	10	5.363	5.366	0.003
35	11	5.363	5.392	0.029
35	12	5.359	5.427	0.068
35	13	5.202	5.251	0.049
35	14	5.398	5.432	0.034
35	15	5.406	5.430	0.024
30	16	5.464	5.512	0.048
30	17	5.421	5.370	-0.051
30	18	5.406	5.563	0.157
30	19	5.299	5.270	-0.029
30	20	5.455	5.481	0.026
55	21	5.532	5.645	0.113
55	22	5.256	5.283	0.027
55	23	5.307	5.363	0.056
55	24	5.174	5.262	0.088
55	25	5.242	5.263	0.021
55	26	5.479	5.616	0.137
55	27	5.235	5.325	0.090
55	28	5.368	5.436	0.068
55	29	5.308	5.323	0.015
55	30	5.135	5.174	0.039
55	31	5.220	5.318	0.098
55	32	5.367	5.476	0.109
55	33	5.359	5.368	0.009
55	34	5.292	5.324	0.032
55	35	5.296	5.272	-0.024
55	36	5.247	5.246	-0.001
55	37	5.343	5.325	-0.018
55	38	5.237	5.257	0.020
55	39	5.425	5.433	0.008
55	40	5.424	5.483	0.059
55	41	5.365	5.398	0.033
55	42	5.430	5.441	0.011
50	43	5.257	5.276	0.019
50	44	5.154	5.168	0.014
50	45	5.314	5.318	0.004
50	46	5.329	5.316	-0.013
50	47	5.379	5.440	0.061
	Max	5.532	5.645	0.157
	Average	5.329	5.361	0.032
	Min	5.135	5.168	-0.055
	Std Dev	0.088	0.106	0.044



5.24_IDD_ACT_500K_NOLOAD		
Test Site		
Tester		
Test Number		
Max Limit	8	mA
Min Limit	0	mA

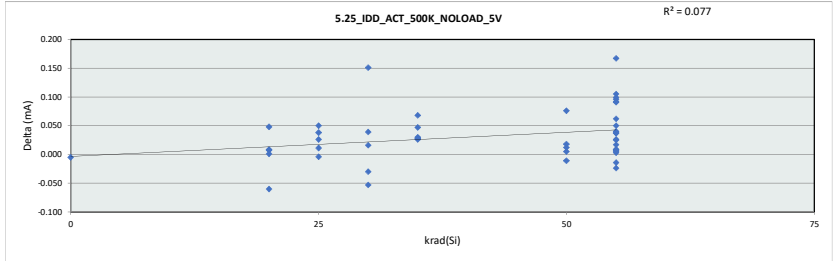
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.255	5.265	5.247	5.270	5.251	5.168	5.174
Average	5.255	5.334	5.345	5.439	5.386	5.304	5.365
Max	5.255	5.399	5.482	5.563	5.432	5.440	5.645
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

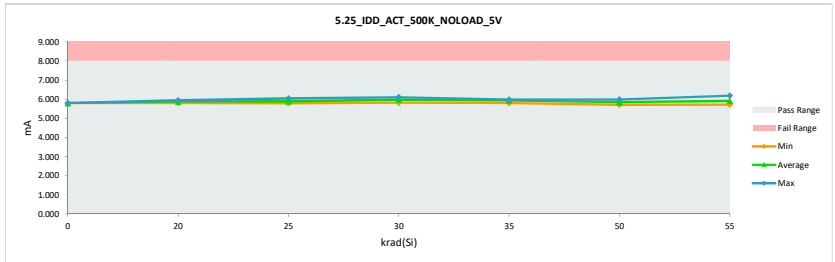
5.25_IDD_ACT_500K_NOLOAD_5V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7.8	8
Min Limit	2	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.806	5.801	-0.005
25	1	5.798	5.794	-0.004
25	2	5.990	6.040	0.050
25	3	5.901	5.939	0.038
25	4	5.859	5.870	0.011
25	5	5.793	5.819	0.026
20	6	5.830	5.838	0.008
20	7	5.939	5.947	0.008
20	8	5.867	5.807	-0.060
20	9	5.835	5.883	0.048
20	10	5.913	5.914	0.001
35	11	5.914	5.944	0.030
35	12	5.906	5.974	0.068
35	13	5.750	5.797	0.047
35	14	5.946	5.972	0.026
35	15	5.953	5.981	0.028
30	16	6.010	6.049	0.039
30	17	5.968	5.915	-0.053
30	18	5.957	6.108	0.151
30	19	5.844	5.814	-0.030
30	20	5.999	6.015	0.016
55	21	6.083	6.188	0.105
55	22	5.803	5.829	0.026
55	23	5.854	5.891	0.037
55	24	5.713	5.804	0.091
55	25	5.790	5.807	0.017
55	26	6.021	6.188	0.167
55	27	5.783	5.875	0.092
55	28	5.912	5.974	0.062
55	29	5.856	5.865	0.009
55	30	5.677	5.717	0.040
55	31	5.762	5.858	0.096
55	32	5.911	6.010	0.099
55	33	5.908	5.916	0.008
55	34	5.832	5.871	0.039
55	35	5.837	5.813	-0.024
55	36	5.790	5.793	0.003
55	37	5.879	5.865	-0.014
55	38	5.778	5.803	0.025
55	39	5.973	5.980	0.007
55	40	5.974	6.024	0.050
55	41	5.911	5.948	0.037
55	42	5.982	5.987	0.005
50	43	5.805	5.823	0.018
50	44	5.697	5.709	0.012
50	45	5.862	5.867	0.005
50	46	5.879	5.868	-0.011
50	47	5.917	5.993	0.076
	Max	6.083	6.188	0.167
	Average	5.874	5.906	0.032
	Min	5.677	5.709	-0.060
	Std Dev	0.090	0.107	0.045



5.25_IDD_ACT_500K_NOLOAD		
Test Site		
Tester		
Test Number		
Max Limit	8	mA
Min Limit	0	mA

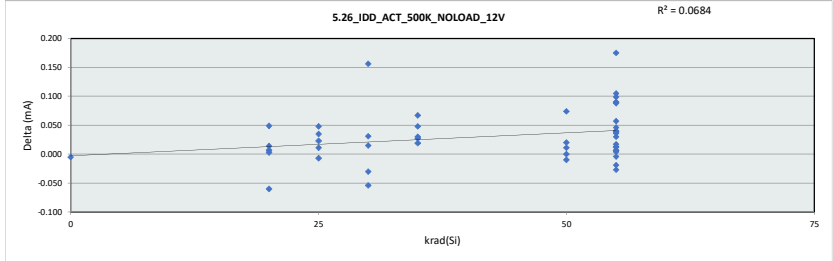
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.801	5.807	5.794	5.814	5.797	5.709	5.717
Average	5.801	5.878	5.892	5.980	5.934	5.852	5.909
Max	5.801	5.947	6.040	6.108	5.981	5.993	6.188
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

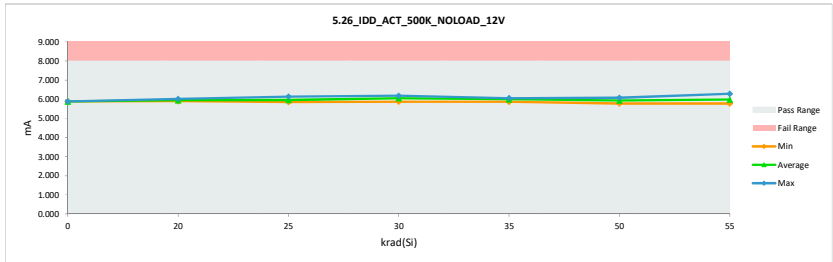
5.26_IDD_ACT_500K_NOLOAD_12V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7.8	8
Min Limit	2	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.896	5.891	-0.005
25	1	5.861	5.854	-0.007
25	2	6.088	6.136	0.048
25	3	5.990	6.025	0.035
25	4	5.911	5.922	0.011
25	5	5.864	5.887	0.023
20	6	5.903	5.910	0.007
20	7	6.010	6.024	0.014
20	8	5.957	5.897	-0.060
20	9	5.909	5.958	0.049
20	10	6.001	6.004	0.003
35	11	5.991	6.021	0.030
35	12	5.978	6.045	0.067
35	13	5.822	5.870	0.048
35	14	6.017	6.036	0.019
35	15	6.035	6.062	0.027
30	16	6.090	6.121	0.031
30	17	6.043	5.989	-0.054
30	18	6.026	6.182	0.156
30	19	5.905	5.875	-0.030
30	20	6.093	6.108	0.015
55	21	6.181	6.286	0.105
55	22	5.883	5.913	0.030
55	23	5.938	5.978	0.040
55	24	5.792	5.882	0.090
55	25	5.860	5.873	0.013
55	26	6.096	6.271	0.175
55	27	5.857	5.947	0.090
55	28	5.992	6.049	0.057
55	29	5.932	5.936	0.004
55	30	5.738	5.778	0.040
55	31	5.836	5.924	0.088
55	32	5.970	6.069	0.099
55	33	5.989	6.001	0.012
55	34	5.909	5.947	0.038
55	35	5.922	5.895	-0.027
55	36	5.885	5.881	-0.004
55	37	5.964	5.945	-0.019
55	38	5.865	5.882	0.017
55	39	6.034	6.040	0.006
55	40	6.065	6.111	0.046
55	41	5.982	6.018	0.036
55	42	6.058	6.065	0.007
50	43	5.889	5.909	0.020
50	44	5.769	5.780	0.011
50	45	5.955	5.955	0.000
50	46	5.943	5.933	-0.010
50	47	6.010	6.084	0.074
	Max	6.181	6.286	0.175
	Average	5.952	5.983	0.031
	Min	5.738	5.778	-0.060
	Std Dev	0.093	0.110	0.046



5.26_IDD_ACT_500K_NOLOAD		
Test Site		
Tester		
Test Number		
Max Limit	8	mA
Min Limit	0	mA

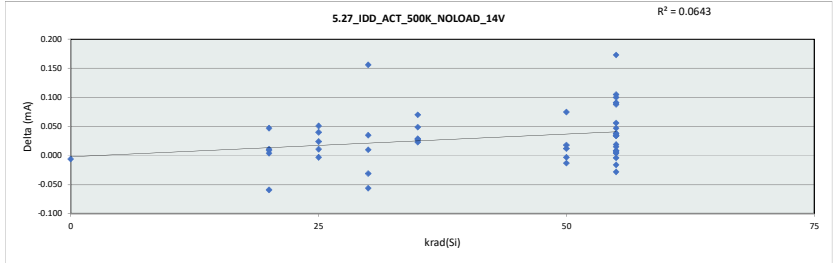
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.891	5.897	5.854	5.875	5.870	5.780	5.778
Average	5.891	5.959	5.965	6.055	6.007	5.932	5.986
Max	5.891	6.024	6.136	6.182	6.062	6.084	6.286
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000



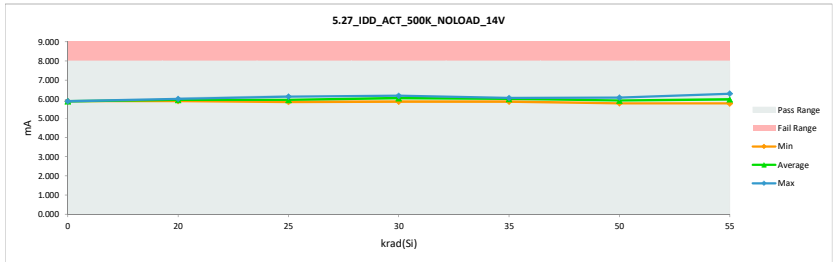
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

5.27_IDD_ACT_500K_NOLOAD_14V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7.8	8
Min Limit	2	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.902	5.896	-0.006
25	1	5.863	5.860	-0.003
25	2	6.088	6.139	0.051
25	3	5.995	6.035	0.040
25	4	5.913	5.924	0.011
25	5	5.868	5.892	0.024
20	6	5.906	5.917	0.011
20	7	6.017	6.026	0.009
20	8	5.961	5.902	-0.059
20	9	5.914	5.961	0.047
20	10	6.004	6.008	0.004
35	11	5.997	6.026	0.029
35	12	5.983	6.053	0.070
35	13	5.828	5.877	0.049
35	14	6.021	6.044	0.023
35	15	6.039	6.066	0.027
30	16	6.092	6.127	0.035
30	17	6.050	5.994	-0.056
30	18	6.029	6.185	0.156
30	19	5.909	5.878	-0.031
30	20	6.100	6.110	0.010
55	21	6.186	6.291	0.105
55	22	5.889	5.923	0.034
55	23	5.943	5.981	0.038
55	24	5.799	5.887	0.088
55	25	5.862	5.877	0.015
55	26	6.099	6.272	0.173
55	27	5.862	5.953	0.091
55	28	5.999	6.055	0.056
55	29	5.934	5.942	0.008
55	30	5.745	5.780	0.035
55	31	5.839	5.930	0.091
55	32	5.974	6.074	0.100
55	33	5.996	6.004	0.008
55	34	5.914	5.952	0.038
55	35	5.925	5.897	-0.028
55	36	5.890	5.886	-0.004
55	37	5.969	5.953	-0.016
55	38	5.869	5.888	0.019
55	39	6.041	6.045	0.004
55	40	6.069	6.116	0.047
55	41	5.987	6.021	0.034
55	42	6.061	6.066	0.005
50	43	5.895	5.913	0.018
50	44	5.774	5.786	0.012
50	45	5.960	5.957	-0.003
50	46	5.951	5.938	-0.013
50	47	6.013	6.088	0.075
	Max	6.186	6.291	0.173
	Average	5.957	5.987	0.031
	Min	5.745	5.780	-0.059
	Std Dev	0.093	0.110	0.046



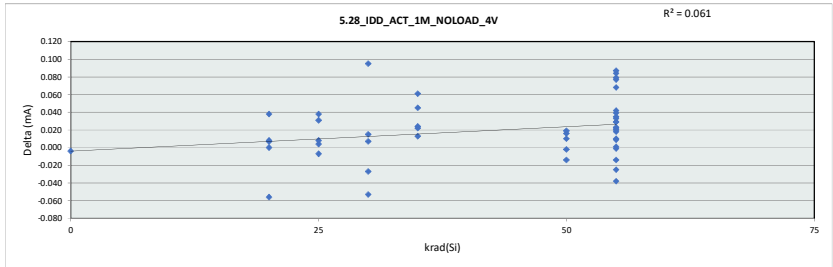
5.27_IDD_ACT_500K_NOLOAD							
Test Site							
Tester							
Test Number							
Max Limit	8		mA				
Min Limit	0		mA				
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.896	5.902	5.860	5.878	5.877	5.786	5.780
Average	5.896	5.963	5.970	6.059	6.013	5.936	5.991
Max	5.896	6.026	6.139	6.185	6.066	6.088	6.291
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

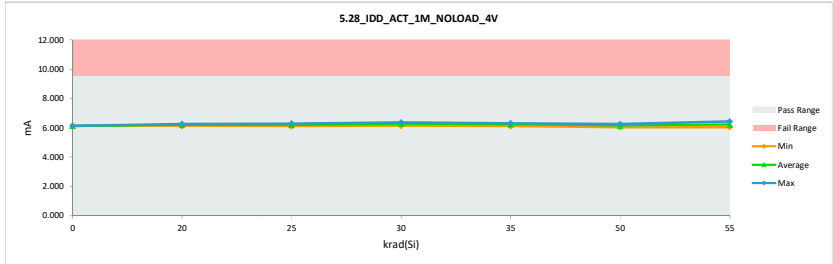
5.28_IDD_ACT_1M_NOLOAD_4V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.1	9.5
Min Limit	5	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.137	6.133	-0.004
25	1	6.129	6.122	-0.007
25	2	6.265	6.296	0.031
25	3	6.227	6.265	0.038
25	4	6.183	6.191	0.008
25	5	6.116	6.120	0.004
20	6	6.161	6.169	0.008
20	7	6.264	6.271	0.007
20	8	6.196	6.140	-0.056
20	9	6.159	6.197	0.038
20	10	6.241	6.241	0.000
35	11	6.237	6.261	0.024
35	12	6.234	6.295	0.061
35	13	6.076	6.121	0.045
35	14	6.268	6.281	0.013
35	15	6.282	6.304	0.022
30	16	6.330	6.345	0.015
30	17	6.291	6.238	-0.053
30	18	6.276	6.371	0.095
30	19	6.166	6.139	-0.027
30	20	6.321	6.328	0.007
55	21	6.399	6.432	0.033
55	22	6.125	6.145	0.020
55	23	6.182	6.205	0.023
55	24	6.050	6.134	0.084
55	25	6.116	6.134	0.018
55	26	6.336	6.413	0.077
55	27	6.107	6.194	0.087
55	28	6.232	6.274	0.042
55	29	6.177	6.187	0.010
55	30	6.005	6.044	0.039
55	31	6.091	6.159	0.068
55	32	6.243	6.322	0.079
55	33	6.238	6.247	0.009
55	34	6.163	6.192	0.029
55	35	6.161	6.136	-0.025
55	36	6.114	6.113	-0.001
55	37	6.202	6.164	-0.038
55	38	6.109	6.130	0.021
55	39	6.293	6.279	-0.014
55	40	6.293	6.328	0.035
55	41	6.234	6.263	0.029
55	42	6.310	6.311	0.001
50	43	6.132	6.148	0.016
50	44	6.024	6.034	0.010
50	45	6.191	6.189	-0.002
50	46	6.207	6.193	-0.014
50	47	6.239	6.258	0.019
	Max	6.399	6.432	0.095
	Average	6.199	6.218	0.019
	Min	6.005	6.034	-0.056
	Std Dev	0.086	0.091	0.034



5.28_IDD_ACT_1M_NOLOAD_4V		
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit	0	mA

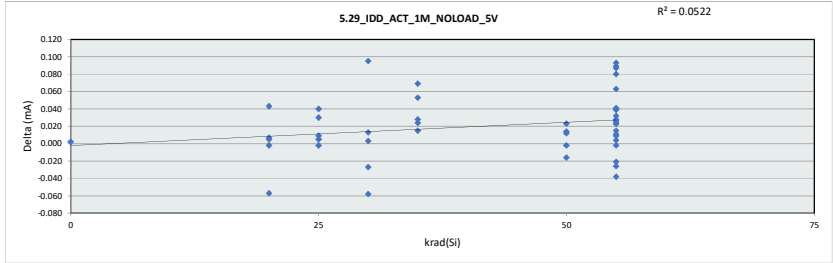
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.133	6.140	6.120	6.139	6.121	6.034	6.044
Average	6.133	6.204	6.199	6.284	6.252	6.164	6.218
Max	6.133	6.271	6.296	6.371	6.304	6.258	6.432
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

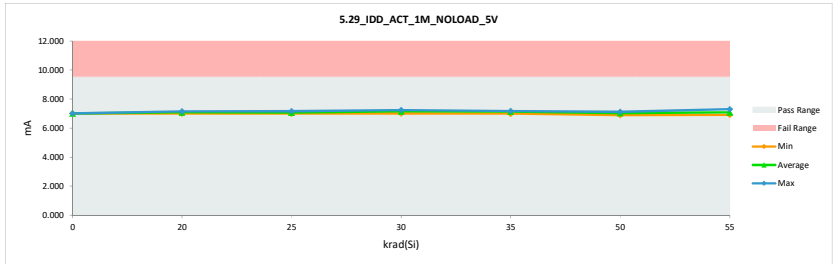
5.29_IDD_ACT_1M_NOLOAD_SV	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	9.5
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.005	7.007	0.002
25	1	6.997	6.995	-0.002
25	2	7.135	7.165	0.030
25	3	7.102	7.142	0.040
25	4	7.053	7.062	0.009
25	5	6.983	6.988	0.005
20	6	7.035	7.040	0.005
20	7	7.139	7.146	0.007
20	8	7.068	7.011	-0.057
20	9	7.021	7.064	0.043
20	10	7.116	7.114	-0.002
35	11	7.113	7.141	0.028
35	12	7.102	7.171	0.069
35	13	6.940	6.993	0.053
35	14	7.140	7.155	0.015
35	15	7.156	7.180	0.024
30	16	7.205	7.218	0.013
30	17	7.167	7.109	-0.058
30	18	7.152	7.247	0.095
30	19	7.036	7.009	-0.027
30	20	7.197	7.200	0.003
55	21	7.272	7.304	0.032
55	22	6.995	7.018	0.023
55	23	7.051	7.074	0.023
55	24	6.916	7.005	0.089
55	25	6.989	7.004	0.015
55	26	7.202	7.282	0.080
55	27	6.978	7.071	0.093
55	28	7.101	7.142	0.041
55	29	7.048	7.057	0.009
55	30	6.873	6.912	0.039
55	31	6.960	7.023	0.063
55	32	7.113	7.200	0.087
55	33	7.116	7.127	0.011
55	34	7.032	7.059	0.027
55	35	7.028	7.002	-0.026
55	36	6.982	6.980	-0.002
55	37	7.071	7.033	-0.038
55	38	6.976	7.001	0.025
55	39	7.174	7.153	-0.021
55	40	7.166	7.206	0.040
55	41	7.105	7.133	0.028
55	42	7.188	7.192	0.004
50	43	7.003	7.017	0.014
50	44	6.888	6.900	0.012
50	45	7.062	7.060	-0.002
50	46	7.086	7.070	-0.016
50	47	7.098	7.121	0.023
	Max	7.272	7.304	0.095
	Average	7.069	7.090	0.020
	Min	6.873	6.900	-0.058
	Std Dev	0.089	0.092	0.035



5.29_IDD_ACT_1M_NOLOAD_SV	
Test Site	
Tester	
Test Number	
Max Limit	9.5
Min Limit	0

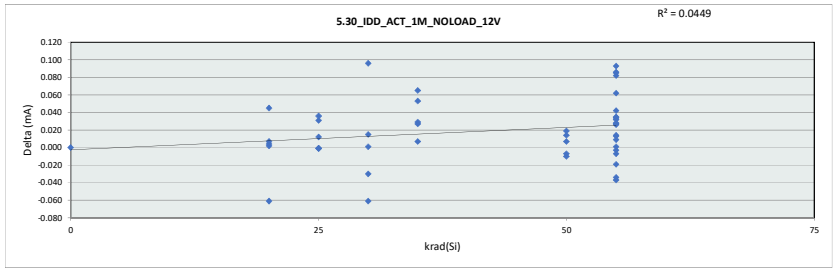
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.007	7.011	6.988	7.009	6.993	6.900	6.912
Average	7.007	7.075	7.070	7.157	7.128	7.034	7.090
Max	7.007	7.146	7.165	7.247	7.180	7.121	7.304
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

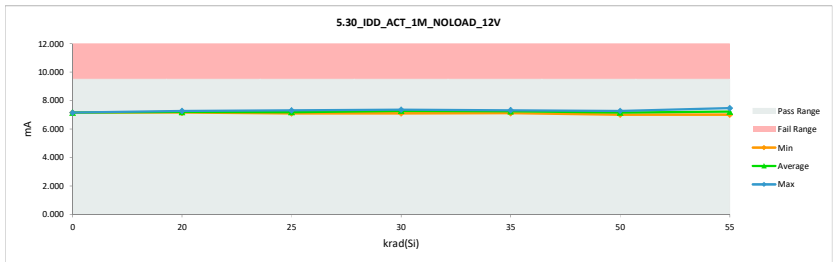
5.30_IDD_ACT_1M_NOLOAD_12V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.1	9.5
Min Limit	5	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.157	7.157	0.000
25	1	7.104	7.103	-0.001
25	2	7.284	7.315	0.031
25	3	7.252	7.288	0.036
25	4	7.141	7.153	0.012
25	5	7.108	7.107	-0.001
20	6	7.159	7.163	0.004
20	7	7.264	7.271	0.007
20	8	7.218	7.157	-0.061
20	9	7.145	7.190	0.045
20	10	7.263	7.265	0.002
35	11	7.245	7.272	0.027
35	12	7.224	7.289	0.065
35	13	7.065	7.118	0.053
35	14	7.259	7.266	0.007
35	15	7.290	7.319	0.029
30	16	7.330	7.345	0.015
30	17	7.291	7.230	-0.061
30	18	7.270	7.366	0.096
30	19	7.139	7.109	-0.030
30	20	7.352	7.353	0.001
55	21	7.436	7.471	0.035
55	22	7.130	7.164	0.034
55	23	7.198	7.224	0.026
55	24	7.045	7.138	0.093
55	25	7.105	7.118	0.013
55	26	7.333	7.419	0.086
55	27	7.105	7.190	0.085
55	28	7.234	7.276	0.042
55	29	7.177	7.174	-0.003
55	30	6.982	7.016	0.034
55	31	7.079	7.141	0.062
55	32	7.215	7.297	0.082
55	33	7.256	7.265	0.009
55	34	7.164	7.191	0.027
55	35	7.167	7.133	-0.034
55	36	7.137	7.130	-0.007
55	37	7.216	7.179	-0.037
55	38	7.119	7.133	0.014
55	39	7.281	7.262	-0.019
55	40	7.319	7.351	0.032
55	41	7.226	7.254	0.028
55	42	7.320	7.321	0.001
50	43	7.148	7.162	0.014
50	44	7.010	7.017	0.007
50	45	7.216	7.209	-0.007
50	46	7.196	7.186	-0.010
50	47	7.250	7.269	0.019
	Max	7.436	7.471	0.096
	Average	7.200	7.219	0.019
	Min	6.982	7.016	-0.061
	Std Dev	0.094	0.098	0.036



5.30_IDD_ACT_1M_NOLOAD_12V		
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit	0	mA

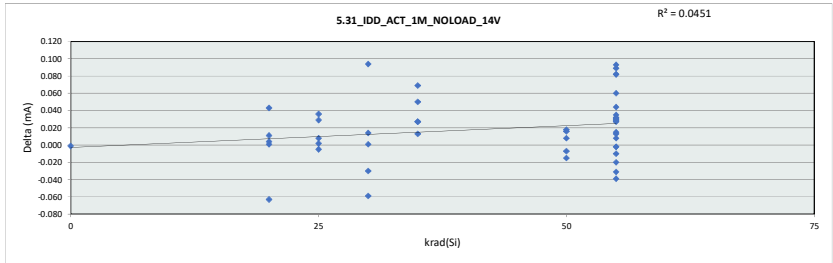
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.157	7.157	7.103	7.109	7.118	7.017	7.016
Average	7.157	7.209	7.193	7.281	7.253	7.169	7.220
Max	7.157	7.271	7.315	7.366	7.319	7.269	7.471
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

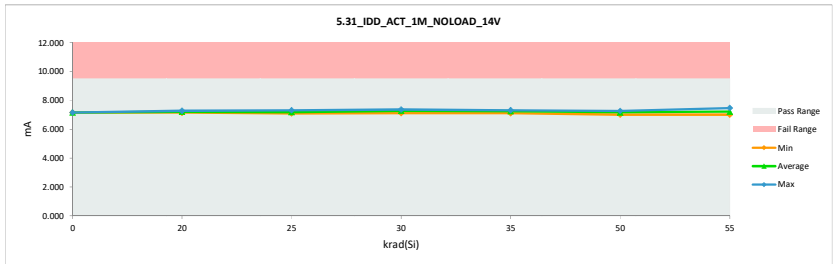
5.31_IDD_ACT_1M_NOLOAD_14V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.1	9.5
Min Limit	5	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.162	7.161	-0.001
25	1	7.109	7.104	-0.005
25	2	7.292	7.321	0.029
25	3	7.257	7.293	0.036
25	4	7.147	7.155	0.008
25	5	7.110	7.112	0.002
20	6	7.165	7.169	0.004
20	7	7.267	7.278	0.011
20	8	7.222	7.159	-0.063
20	9	7.151	7.194	0.043
20	10	7.270	7.271	0.001
35	11	7.250	7.277	0.027
35	12	7.229	7.298	0.069
35	13	7.071	7.121	0.050
35	14	7.262	7.275	0.013
35	15	7.295	7.322	0.027
30	16	7.333	7.347	0.014
30	17	7.297	7.238	-0.059
30	18	7.275	7.369	0.094
30	19	7.143	7.113	-0.030
30	20	7.356	7.357	0.001
55	21	7.443	7.474	0.031
55	22	7.137	7.169	0.032
55	23	7.205	7.232	0.027
55	24	7.052	7.141	0.089
55	25	7.108	7.123	0.015
55	26	7.338	7.420	0.082
55	27	7.105	7.198	0.093
55	28	7.239	7.283	0.044
55	29	7.181	7.179	-0.002
55	30	6.987	7.017	0.030
55	31	7.083	7.143	0.060
55	32	7.221	7.303	0.082
55	33	7.261	7.269	0.008
55	34	7.168	7.196	0.028
55	35	7.171	7.140	-0.031
55	36	7.144	7.134	-0.010
55	37	7.220	7.181	-0.039
55	38	7.124	7.137	0.013
55	39	7.285	7.265	-0.020
55	40	7.323	7.358	0.035
55	41	7.228	7.257	0.029
55	42	7.324	7.322	-0.002
50	43	7.150	7.166	0.016
50	44	7.015	7.023	0.008
50	45	7.219	7.212	-0.007
50	46	7.204	7.189	-0.015
50	47	7.254	7.272	0.018
	Max	7.443	7.474	0.094
	Average	7.205	7.224	0.018
	Min	6.987	7.017	-0.063
	Std Dev	0.094	0.098	0.036



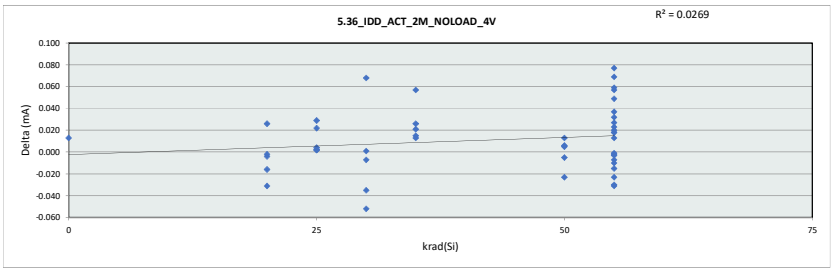
5.31_IDD_ACT_1M_NOLOAD_14V		
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit	0	mA

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.161	7.159	7.104	7.113	7.121	7.023	7.017
Average	7.161	7.214	7.197	7.285	7.259	7.172	7.225
Max	7.161	7.278	7.321	7.369	7.322	7.272	7.474
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

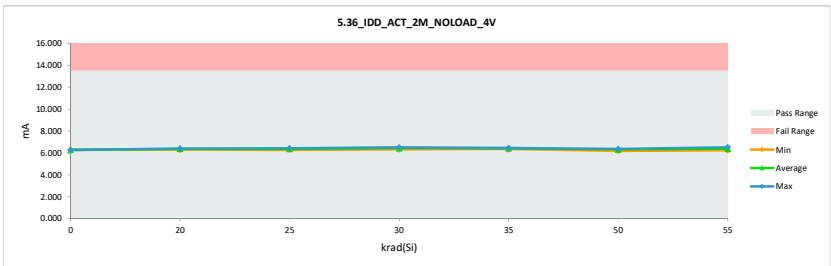
5.36_IDD_ACT_2M_NOLOAD_4V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.5	13.5
Min Limit	5	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.266	6.279	0.013
25	1	6.278	6.280	0.002
25	2	6.417	6.439	0.022
25	3	6.371	6.400	0.029
25	4	6.356	6.360	0.004
25	5	6.331	6.333	0.002
20	6	6.347	6.343	-0.004
20	7	6.418	6.416	-0.002
20	8	6.336	6.305	-0.031
20	9	6.328	6.354	0.026
20	10	6.408	6.392	-0.016
35	11	6.412	6.433	0.021
35	12	6.358	6.415	0.057
35	13	6.320	6.346	0.026
35	14	6.443	6.456	0.013
35	15	6.436	6.451	0.015
30	16	6.478	6.479	0.001
30	17	6.458	6.406	-0.052
30	18	6.436	6.504	0.068
30	19	6.361	6.326	-0.035
30	20	6.453	6.446	-0.007
55	21	6.514	6.534	0.020
55	22	6.309	6.308	-0.001
55	23	6.355	6.382	0.027
55	24	6.220	6.297	0.077
55	25	6.322	6.315	-0.007
55	26	6.440	6.497	0.057
55	27	6.336	6.395	0.059
55	28	6.377	6.426	0.049
55	29	6.346	6.344	-0.002
55	30	6.209	6.241	0.032
55	31	6.342	6.379	0.037
55	32	6.385	6.454	0.069
55	33	6.421	6.406	-0.015
55	34	6.338	6.356	0.018
55	35	6.319	6.289	-0.030
55	36	6.315	6.305	-0.010
55	37	6.350	6.319	-0.031
55	38	6.256	6.269	0.013
55	39	6.465	6.442	-0.023
55	40	6.470	6.488	0.018
55	41	6.375	6.398	0.023
55	42	6.455	6.452	-0.003
50	43	6.326	6.331	0.005
50	44	6.188	6.183	-0.005
50	45	6.380	6.357	-0.023
50	46	6.376	6.382	0.006
50	47	6.370	6.383	0.013
	Max	6.514	6.534	0.077
	Average	6.366	6.377	0.011
	Min	6.188	6.183	-0.052
	Std Dev	0.072	0.074	0.029

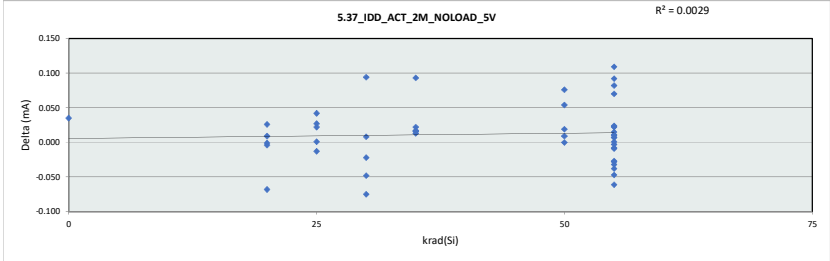
5.36_IDD_ACT_2M_NOLOAD_4V		
Test Site		
Tester		
Test Number		
Max Limit	13.5	mA
Min Limit	0	mA

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.279	6.305	6.280	6.326	6.346	6.183	6.241
Average	6.279	6.362	6.362	6.432	6.420	6.327	6.377
Max	6.279	6.416	6.439	6.504	6.456	6.383	6.534
UL	13.500	13.500	13.500	13.500	13.500	13.500	13.500



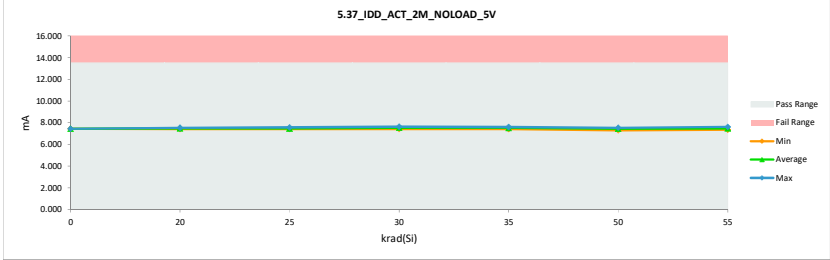
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

5.37_IDD_ACT_2M_NOLOAD_SV	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	13.5
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.410	7.445	0.035
25	1	7.412	7.413	0.001
25	2	7.526	7.568	0.042
25	3	7.515	7.537	0.022
25	4	7.447	7.434	-0.013
25	5	7.394	7.421	0.027
20	6	7.456	7.465	0.009
20	7	7.541	7.537	-0.004
20	8	7.481	7.413	-0.068
20	9	7.410	7.436	0.026
20	10	7.535	7.534	-0.001
35	11	7.519	7.535	0.016
35	12	7.489	7.502	0.013
35	13	7.327	7.420	0.093
35	14	7.517	7.534	0.017
35	15	7.571	7.593	0.022
30	16	7.602	7.610	0.008
30	17	7.577	7.502	-0.075
30	18	7.539	7.633	0.094
30	19	7.434	7.412	-0.022
30	20	7.595	7.547	-0.048
55	21	7.649	7.617	-0.032
55	22	7.387	7.410	0.023
55	23	7.478	7.493	0.015
55	24	7.343	7.425	0.082
55	25	7.422	7.429	0.007
55	26	7.566	7.539	-0.027
55	27	7.398	7.507	0.109
55	28	7.507	7.531	0.024
55	29	7.429	7.426	-0.003
55	30	7.280	7.350	0.070
55	31	7.390	7.482	0.092
55	32	7.562	7.569	0.007
55	33	7.561	7.552	-0.009
55	34	7.463	7.464	0.001
55	35	7.437	7.409	-0.028
55	36	7.375	7.385	0.010
55	37	7.466	7.405	-0.061
55	38	7.365	7.376	0.011
55	39	7.588	7.550	-0.038
55	40	7.551	7.573	0.022
55	41	7.491	7.483	-0.008
55	42	7.608	7.561	-0.047
50	43	7.385	7.439	0.054
50	44	7.284	7.303	0.019
50	45	7.440	7.449	0.009
50	46	7.491	7.491	0.000
50	47	7.457	7.533	0.076
	Max	7.649	7.633	0.109
	Average	7.472	7.484	0.012
	Min	7.280	7.303	-0.075
	Std Dev	0.087	0.075	0.042

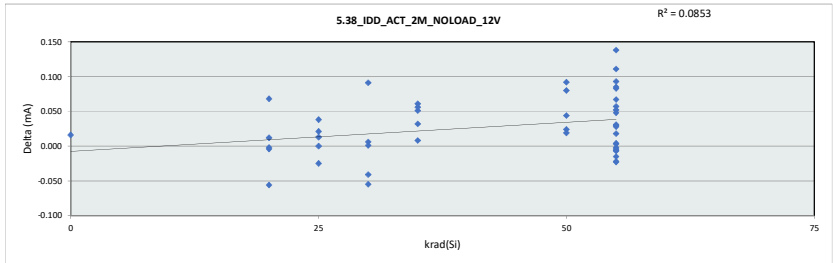
5.37_IDD_ACT_2M_NOLOAD_SV	
Test Site	
Tester	
Test Number	
Max Limit	13.5
Min Limit	0



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

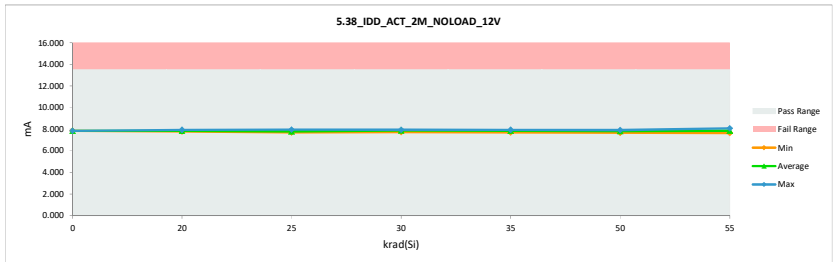
5.38_IDD_ACT_2M_NOLOAD_12V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	12	13.5
Min Limit	5	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.829	7.845	0.016
25	1	7.698	7.698	0.000
25	2	7.927	7.965	0.038
25	3	7.900	7.921	0.021
25	4	7.701	7.714	0.013
25	5	7.714	7.689	-0.025
20	6	7.789	7.787	-0.002
20	7	7.875	7.871	-0.004
20	8	7.867	7.811	-0.056
20	9	7.739	7.807	0.068
20	10	7.917	7.929	0.012
35	11	7.853	7.914	0.061
35	12	7.835	7.886	0.051
35	13	7.650	7.706	0.056
35	14	7.836	7.868	0.032
35	15	7.923	7.931	0.008
30	16	7.940	7.941	0.001
30	17	7.915	7.860	-0.055
30	18	7.860	7.951	0.091
30	19	7.718	7.724	0.006
30	20	7.995	7.954	-0.041
55	21	8.079	8.073	-0.006
55	22	7.737	7.822	0.085
55	23	7.868	7.916	0.048
55	24	7.701	7.794	0.093
55	25	7.740	7.771	0.031
55	26	7.962	7.965	0.003
55	27	7.730	7.868	0.138
55	28	7.868	7.925	0.057
55	29	7.771	7.767	-0.004
55	30	7.570	7.653	0.083
55	31	7.712	7.823	0.111
55	32	7.845	7.912	0.067
55	33	7.926	7.930	0.004
55	34	7.818	7.846	0.028
55	35	7.802	7.787	-0.015
55	36	7.769	7.787	0.018
55	37	7.839	7.816	-0.023
55	38	7.731	7.729	-0.002
55	39	7.896	7.874	-0.022
55	40	7.939	7.991	0.052
55	41	7.814	7.844	0.030
55	42	7.959	7.952	-0.007
50	43	7.754	7.834	0.080
50	44	7.613	7.657	0.044
50	45	7.835	7.854	0.019
50	46	7.801	7.825	0.024
50	47	7.836	7.928	0.092
	Max	8.079	8.073	0.138
	Average	7.821	7.848	0.027
	Min	7.570	7.653	-0.056
	Std Dev	0.103	0.094	0.043



5.38_IDD_ACT_2M_NOLOAD_12V		
Test Site		
Tester		
Test Number		
Max Limit	13.5	mA
Min Limit	0	mA

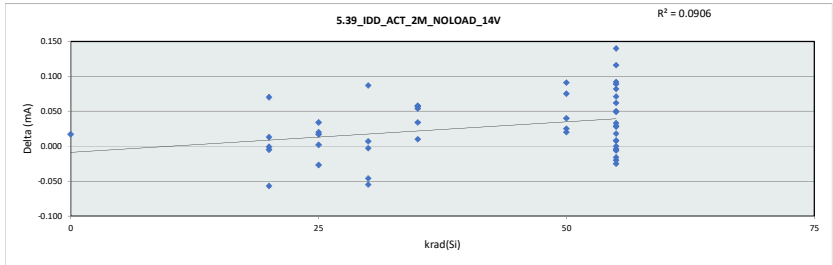
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.845	7.787	7.689	7.724	7.706	7.657	7.653
Average	7.845	7.841	7.797	7.886	7.861	7.820	7.857
Max	7.845	7.929	7.965	7.954	7.931	7.928	8.073
UL	13.500	13.500	13.500	13.500	13.500	13.500	13.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

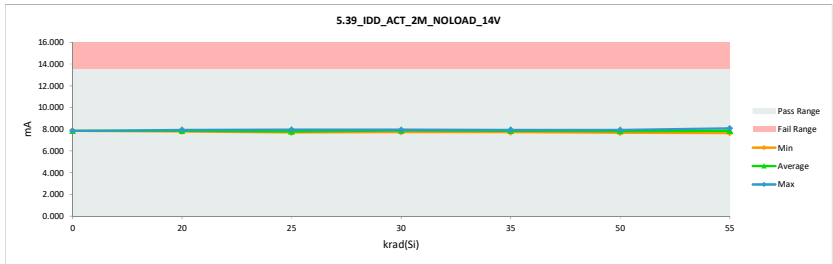
5.39_IDD_ACT_2M_NOLOAD_14V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	13.5
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.833	7.850	0.017
25	1	7.701	7.703	0.002
25	2	7.932	7.966	0.034
25	3	7.906	7.926	0.020
25	4	7.704	7.721	0.017
25	5	7.720	7.693	-0.027
20	6	7.796	7.795	-0.001
20	7	7.879	7.874	-0.005
20	8	7.872	7.815	-0.057
20	9	7.744	7.814	0.070
20	10	7.924	7.937	0.013
35	11	7.859	7.917	0.058
35	12	7.839	7.893	0.054
35	13	7.654	7.711	0.057
35	14	7.839	7.873	0.034
35	15	7.926	7.936	0.010
30	16	7.946	7.943	-0.003
30	17	7.922	7.867	-0.055
30	18	7.866	7.953	0.087
30	19	7.721	7.728	0.007
30	20	8.001	7.955	-0.046
55	21	8.081	8.075	-0.006
55	22	7.738	7.830	0.092
55	23	7.872	7.922	0.050
55	24	7.709	7.798	0.089
55	25	7.743	7.776	0.033
55	26	7.963	7.971	0.008
55	27	7.735	7.875	0.140
55	28	7.867	7.929	0.062
55	29	7.776	7.772	-0.004
55	30	7.575	7.657	0.082
55	31	7.715	7.831	0.116
55	32	7.848	7.919	0.071
55	33	7.928	7.936	0.008
55	34	7.823	7.851	0.028
55	35	7.808	7.792	-0.016
55	36	7.774	7.792	0.018
55	37	7.843	7.823	-0.020
55	38	7.735	7.735	0.000
55	39	7.902	7.877	-0.025
55	40	7.945	7.994	0.049
55	41	7.820	7.849	0.029
55	42	7.965	7.959	-0.006
50	43	7.760	7.835	0.075
50	44	7.619	7.659	0.040
50	45	7.839	7.859	0.020
50	46	7.804	7.829	0.025
50	47	7.840	7.931	0.091
	Max	8.081	8.075	0.140
	Average	7.825	7.853	0.028
	Min	7.575	7.657	-0.057
	Std Dev	0.103	0.094	0.043



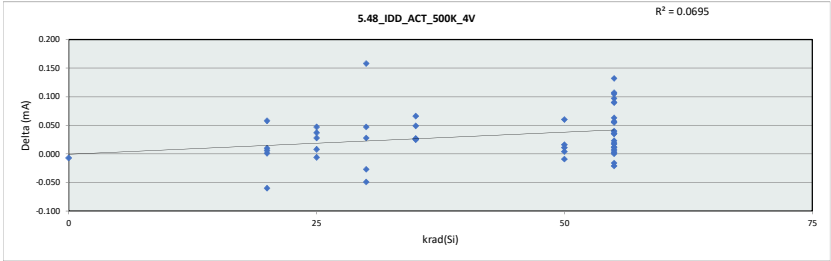
5.39_IDD_ACT_2M_NOLOAD	
Test Site	
Tester	
Test Number	
Max Limit	13.5 mA
Min Limit	0 mA

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.850	7.795	7.693	7.728	7.711	7.659	7.657
Average	7.850	7.847	7.802	7.889	7.866	7.823	7.862
Max	7.850	7.937	7.966	7.955	7.936	7.931	8.075
UL	13.500	13.500	13.500	13.500	13.500	13.500	13.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

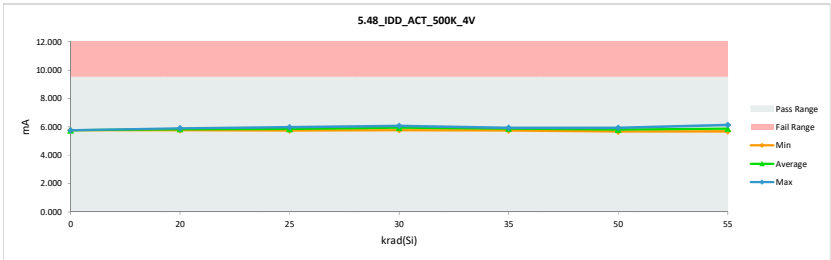
5.48_IDD_ACT_500K_4V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.2	9.5
Min Limit	2	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.770	5.763	-0.007
25	1	5.756	5.750	-0.006
25	2	5.935	5.982	0.047
25	3	5.857	5.894	0.037
25	4	5.815	5.823	0.008
25	5	5.749	5.777	0.028
20	6	5.789	5.795	0.006
20	7	5.893	5.903	0.010
20	8	5.824	5.764	-0.060
20	9	5.791	5.849	0.058
20	10	5.870	5.871	0.001
35	11	5.863	5.889	0.026
35	12	5.863	5.929	0.066
35	13	5.705	5.754	0.049
35	14	5.899	5.926	0.027
35	15	5.908	5.933	0.025
30	16	5.964	6.011	0.047
30	17	5.920	5.871	-0.049
30	18	5.910	6.068	0.158
30	19	5.796	5.769	-0.027
30	20	5.951	5.979	0.028
55	21	6.032	6.137	0.105
55	22	5.761	5.784	0.023
55	23	5.811	5.866	0.055
55	24	5.676	5.766	0.090
55	25	5.747	5.764	0.017
55	26	5.971	6.103	0.132
55	27	5.737	5.827	0.090
55	28	5.869	5.932	0.063
55	29	5.812	5.824	0.012
55	30	5.637	5.677	0.040
55	31	5.727	5.824	0.097
55	32	5.867	5.974	0.107
55	33	5.867	5.874	0.007
55	34	5.794	5.829	0.035
55	35	5.797	5.776	-0.021
55	36	5.748	5.748	0.000
55	37	5.843	5.827	-0.016
55	38	5.741	5.760	0.019
55	39	5.928	5.931	0.003
55	40	5.928	5.985	0.057
55	41	5.866	5.902	0.036
55	42	5.934	5.945	0.011
50	43	5.763	5.779	0.016
50	44	5.654	5.665	0.011
50	45	5.819	5.823	0.004
50	46	5.833	5.824	-0.009
50	47	5.872	5.932	0.060
	Max	6.032	6.137	0.158
	Average	5.830	5.862	0.032
	Min	5.637	5.665	-0.060
	Std Dev	0.087	0.104	0.044

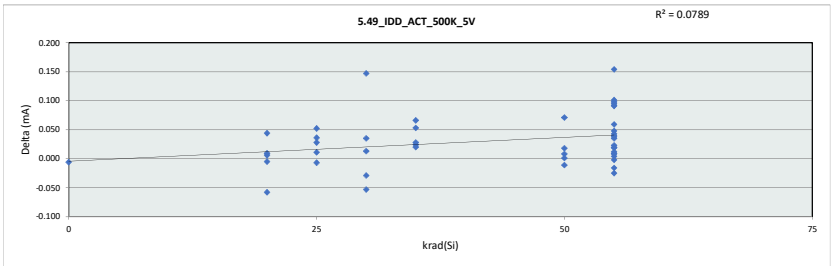
5.48_IDD_ACT_500K_4V		
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit	0	mA

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	5.763	5.764	5.750	5.769	5.754	5.665	5.677
Average	5.763	5.836	5.845	5.940	5.886	5.805	5.866
Max	5.763	5.903	5.982	6.068	5.933	5.932	6.137
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

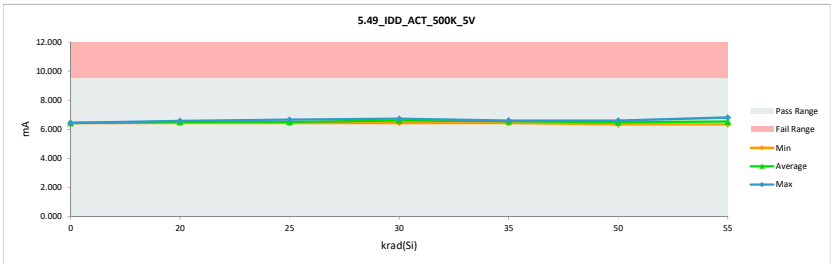
5.49_IDD_ACT_500K_SV	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	9.5
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.446	6.440	-0.006
25	1	6.435	6.428	-0.007
25	2	6.619	6.671	0.052
25	3	6.536	6.572	0.036
25	4	6.494	6.505	0.011
25	5	6.421	6.449	0.028
20	6	6.468	6.474	0.006
20	7	6.575	6.584	0.009
20	8	6.499	6.441	-0.058
20	9	6.465	6.509	0.044
20	10	6.557	6.552	-0.005
35	11	6.545	6.573	0.028
35	12	6.540	6.606	0.066
35	13	6.382	6.435	0.053
35	14	6.574	6.594	0.020
35	15	6.589	6.613	0.024
30	16	6.647	6.682	0.035
30	17	6.604	6.551	-0.053
30	18	6.593	6.740	0.147
30	19	6.471	6.442	-0.029
30	20	6.631	6.644	0.013
55	21	6.711	6.812	0.101
55	22	6.439	6.462	0.023
55	23	6.489	6.529	0.040
55	24	6.350	6.441	0.091
55	25	6.424	6.443	0.019
55	26	6.644	6.798	0.154
55	27	6.416	6.511	0.095
55	28	6.543	6.602	0.059
55	29	6.490	6.502	0.012
55	30	6.311	6.354	0.043
55	31	6.402	6.494	0.092
55	32	6.546	6.644	0.098
55	33	6.550	6.558	0.008
55	34	6.469	6.504	0.035
55	35	6.474	6.449	-0.025
55	36	6.423	6.421	-0.002
55	37	6.514	6.498	-0.016
55	38	6.417	6.436	0.019
55	39	6.607	6.611	0.004
55	40	6.609	6.657	0.048
55	41	6.545	6.583	0.038
55	42	6.617	6.626	0.009
50	43	6.438	6.456	0.018
50	44	6.330	6.338	0.008
50	45	6.501	6.502	0.001
50	46	6.519	6.508	-0.011
50	47	6.544	6.615	0.071
	Max	6.711	6.812	0.154
	Average	6.509	6.539	0.030
	Min	6.311	6.338	-0.058
	Std Dev	0.089	0.104	0.044

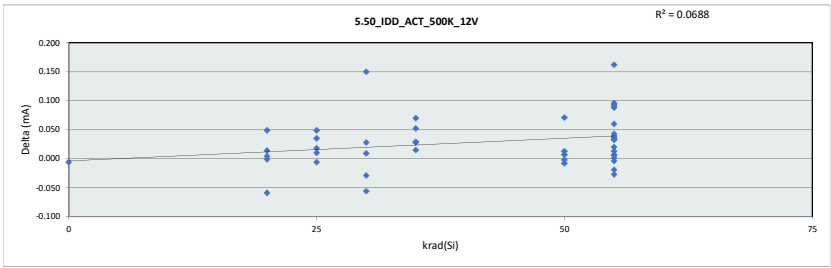
5.49_IDD_ACT_500K_SV	
Test Site	
Tester	
Test Number	
Max Limit	9.5
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.440	6.441	6.428	6.442	6.435	6.338	6.354
Average	6.440	6.512	6.525	6.612	6.564	6.484	6.543
Max	6.440	6.584	6.671	6.740	6.613	6.615	6.812
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

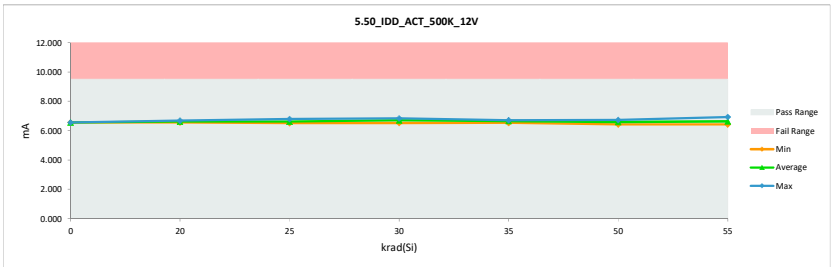
5.50_IDD_ACT_500K_12V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.2	9.5
Min Limit	2	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.564	6.558	-0.006
25	1	6.515	6.509	-0.006
25	2	6.742	6.791	0.049
25	3	6.651	6.686	0.035
25	4	6.562	6.572	0.010
25	5	6.518	6.536	0.018
20	6	6.567	6.571	0.004
20	7	6.670	6.684	0.014
20	8	6.616	6.557	-0.059
20	9	6.559	6.608	0.049
20	10	6.670	6.669	-0.001
35	11	6.649	6.678	0.029
35	12	6.631	6.701	0.070
35	13	6.476	6.528	0.052
35	14	6.667	6.682	0.015
35	15	6.691	6.719	0.028
30	16	6.742	6.770	0.028
30	17	6.700	6.644	-0.056
30	18	6.686	6.836	0.150
30	19	6.554	6.525	-0.029
30	20	6.753	6.762	0.009
55	21	6.839	6.934	0.095
55	22	6.540	6.573	0.033
55	23	6.604	6.643	0.039
55	24	6.453	6.546	0.093
55	25	6.512	6.532	0.020
55	26	6.741	6.903	0.162
55	27	6.516	6.604	0.088
55	28	6.645	6.705	0.060
55	29	6.591	6.592	0.001
55	30	6.395	6.428	0.033
55	31	6.494	6.584	0.090
55	32	6.623	6.719	0.096
55	33	6.657	6.664	0.007
55	34	6.572	6.606	0.034
55	35	6.578	6.551	-0.027
55	36	6.544	6.540	-0.004
55	37	6.625	6.606	-0.019
55	38	6.528	6.541	0.013
55	39	6.690	6.696	0.006
55	40	6.728	6.771	0.043
55	41	6.636	6.673	0.037
55	42	6.716	6.722	0.006
50	43	6.556	6.569	0.013
50	44	6.422	6.429	0.007
50	45	6.615	6.613	-0.002
50	46	6.605	6.597	-0.008
50	47	6.660	6.731	0.071
	Max	6.839	6.934	0.162
	Average	6.610	6.639	0.029
	Min	6.395	6.428	-0.059
	Std Dev	0.093	0.108	0.045

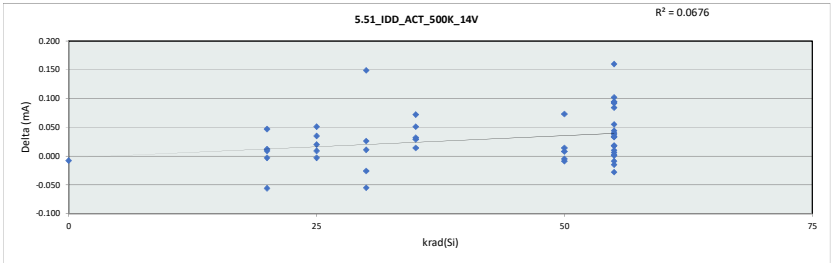
5.50_IDD_ACT_500K_12V		
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit	0	mA

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.558	6.557	6.509	6.525	6.528	6.429	6.428
Average	6.558	6.618	6.619	6.707	6.662	6.588	6.642
Max	6.558	6.684	6.791	6.836	6.719	6.731	6.934
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

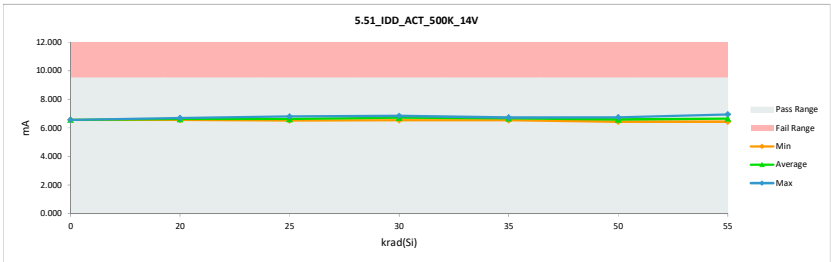
5.51_IDD_ACT_500K_14V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	9.2
Min Limit	2



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.570	6.562	-0.008
25	1	6.516	6.513	-0.003
25	2	6.742	6.793	0.051
25	3	6.655	6.690	0.035
25	4	6.567	6.576	0.009
25	5	6.523	6.543	0.020
20	6	6.568	6.577	0.009
20	7	6.677	6.689	0.012
20	8	6.619	6.563	-0.056
20	9	6.566	6.613	0.047
20	10	6.676	6.673	-0.003
35	11	6.653	6.685	0.032
35	12	6.636	6.708	0.072
35	13	6.482	6.533	0.051
35	14	6.673	6.687	0.014
35	15	6.697	6.726	0.029
30	16	6.749	6.775	0.026
30	17	6.704	6.649	-0.055
30	18	6.688	6.837	0.149
30	19	6.555	6.529	-0.026
30	20	6.755	6.766	0.011
55	21	6.841	6.943	0.102
55	22	6.547	6.580	0.033
55	23	6.607	6.647	0.040
55	24	6.455	6.549	0.094
55	25	6.520	6.538	0.018
55	26	6.744	6.904	0.160
55	27	6.517	6.609	0.092
55	28	6.653	6.708	0.055
55	29	6.594	6.595	0.001
55	30	6.397	6.435	0.038
55	31	6.501	6.585	0.084
55	32	6.630	6.724	0.094
55	33	6.661	6.671	0.010
55	34	6.577	6.611	0.034
55	35	6.584	6.556	-0.028
55	36	6.551	6.542	-0.009
55	37	6.628	6.613	-0.015
55	38	6.529	6.547	0.018
55	39	6.697	6.703	0.006
55	40	6.735	6.779	0.044
55	41	6.643	6.677	0.034
55	42	6.724	6.726	0.002
50	43	6.558	6.572	0.014
50	44	6.427	6.435	0.008
50	45	6.624	6.619	-0.005
50	46	6.611	6.602	-0.009
50	47	6.662	6.735	0.073
	Max	6.841	6.943	0.160
	Average	6.614	6.644	0.029
	Min	6.397	6.435	-0.056
	Std Dev	0.093	0.108	0.045

5.51_IDD_ACT_500K_14V	
Test Site	
Tester	
Test Number	
Max Limit	9.5
Min Limit	0

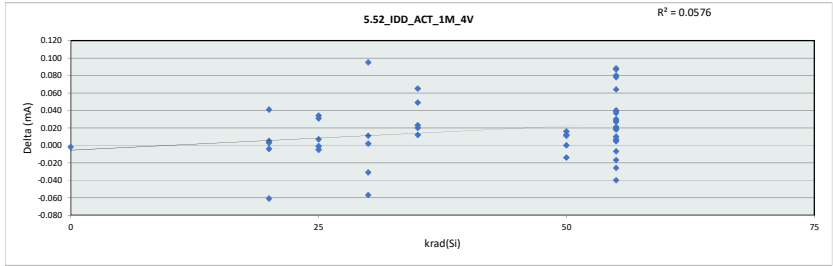
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.562	6.563	6.513	6.529	6.533	6.435	6.435
Average	6.562	6.623	6.623	6.711	6.668	6.593	6.647
Max	6.562	6.689	6.793	6.837	6.726	6.735	6.943
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

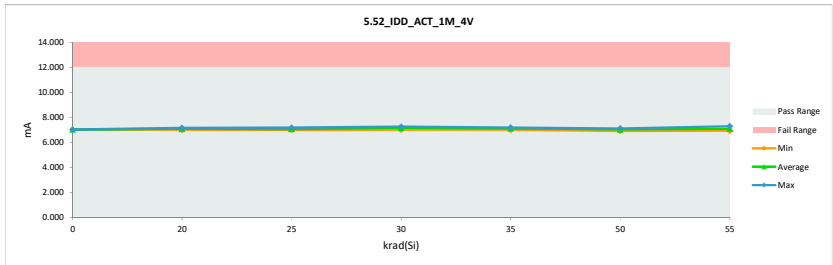
5.52_IDD_ACT_1M_4V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	11.7	12
Min Limit	5	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.020	7.018	-0.002
25	1	7.005	7.000	-0.005
25	2	7.136	7.167	0.031
25	3	7.104	7.138	0.034
25	4	7.059	7.066	0.007
25	5	6.993	6.992	-0.001
20	6	7.046	7.049	0.003
20	7	7.145	7.150	0.005
20	8	7.075	7.014	-0.061
20	9	7.025	7.066	0.041
20	10	7.125	7.121	-0.004
35	11	7.112	7.135	0.023
35	12	7.108	7.173	0.065
35	13	6.950	6.999	0.049
35	14	7.139	7.151	0.012
35	15	7.160	7.180	0.020
30	16	7.205	7.216	0.011
30	17	7.168	7.111	-0.057
30	18	7.151	7.246	0.095
30	19	7.035	7.004	-0.031
30	20	7.196	7.198	0.002
55	21	7.269	7.299	0.030
55	22	7.000	7.018	0.018
55	23	7.063	7.084	0.021
55	24	6.924	7.012	0.088
55	25	6.998	7.008	0.010
55	26	7.198	7.276	0.078
55	27	6.980	7.067	0.087
55	28	7.102	7.141	0.039
55	29	7.052	7.057	0.005
55	30	6.883	6.923	0.040
55	31	6.972	7.036	0.064
55	32	7.122	7.202	0.080
55	33	7.126	7.133	0.007
55	34	7.043	7.071	0.028
55	35	7.039	7.013	-0.026
55	36	6.987	6.980	-0.007
55	37	7.076	7.036	-0.040
55	38	6.987	7.006	0.019
55	39	7.173	7.156	-0.017
55	40	7.170	7.207	0.037
55	41	7.108	7.135	0.027
55	42	7.188	7.193	0.005
50	43	7.010	7.022	0.012
50	44	6.893	6.904	0.011
50	45	7.066	7.066	0.000
50	46	7.089	7.075	-0.014
50	47	7.103	7.119	0.016
	Max	7.269	7.299	0.095
	Average	7.075	7.092	0.018
	Min	6.883	6.904	-0.061
	Std Dev	0.086	0.090	0.035



5.52_IDD_ACT_1M_4V		
Test Site		
Tester		
Test Number		
Max Limit	12	mA
Min Limit	0	mA

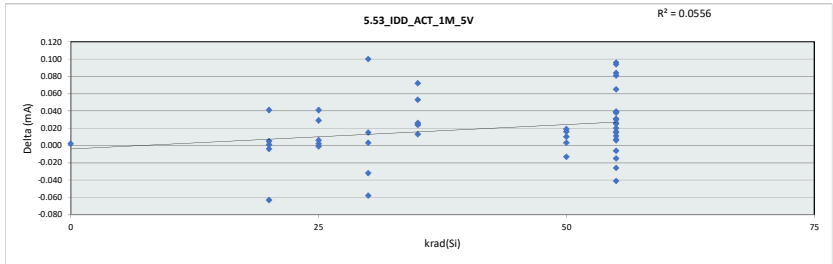
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.018	7.014	6.992	7.004	6.999	6.904	6.923
Average	7.018	7.080	7.073	7.155	7.128	7.037	7.093
Max	7.018	7.150	7.167	7.246	7.180	7.119	7.299
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

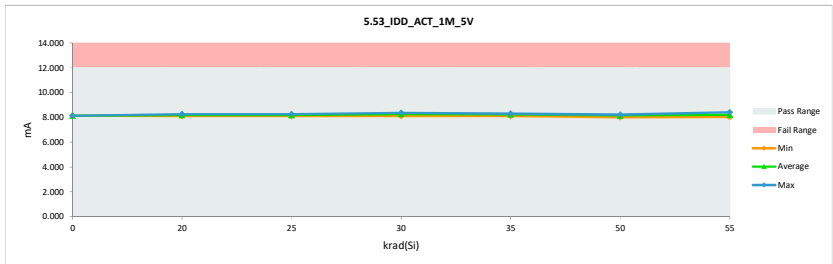
5.53_IDD_ACT_1M_5V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	11.7
Min Limit	5

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.131	8.133	0.002
25	1	8.115	8.114	-0.001
25	2	8.238	8.267	0.029
25	3	8.212	8.253	0.041
25	4	8.167	8.173	0.006
25	5	8.094	8.096	0.002
20	6	8.156	8.157	0.001
20	7	8.259	8.264	0.005
20	8	8.184	8.121	-0.063
20	9	8.125	8.166	0.041
20	10	8.240	8.236	-0.004
35	11	8.223	8.249	0.026
35	12	8.216	8.288	0.072
35	13	8.053	8.106	0.053
35	14	8.245	8.258	0.013
35	15	8.274	8.298	0.024
30	16	8.313	8.328	0.015
30	17	8.278	8.220	-0.058
30	18	8.264	8.364	0.100
30	19	8.141	8.109	-0.032
30	20	8.306	8.309	0.003
55	21	8.376	8.407	0.031
55	22	8.108	8.124	0.016
55	23	8.172	8.197	0.025
55	24	8.028	8.122	0.094
55	25	8.102	8.117	0.015
55	26	8.301	8.382	0.081
55	27	8.087	8.183	0.096
55	28	8.207	8.246	0.039
55	29	8.159	8.165	0.006
55	30	7.988	8.027	0.039
55	31	8.076	8.141	0.065
55	32	8.231	8.315	0.084
55	33	8.246	8.257	0.011
55	34	8.151	8.177	0.026
55	35	8.144	8.118	-0.026
55	36	8.091	8.085	-0.006
55	37	8.185	8.144	-0.041
55	38	8.097	8.117	0.020
55	39	8.287	8.272	-0.015
55	40	8.283	8.321	0.038
55	41	8.218	8.248	0.030
55	42	8.307	8.314	0.007
50	43	8.113	8.129	0.016
50	44	7.996	8.006	0.010
50	45	8.174	8.177	0.003
50	46	8.206	8.193	-0.013
50	47	8.198	8.217	0.019
	Max	8.376	8.407	0.100
	Average	8.183	8.202	0.020
	Min	7.988	8.006	-0.063
	Std Dev	0.088	0.092	0.036



5.53_IDD_ACT_1M_5V	
Test Site	
Tester	
Test Number	
Max Limit	12
Min Limit	0

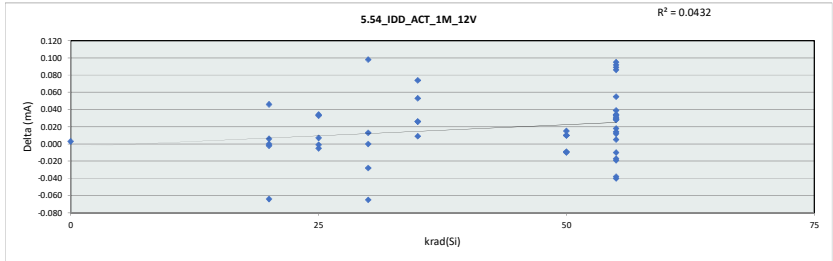
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.133	8.121	8.096	8.109	8.106	8.006	8.027
Average	8.133	8.189	8.181	8.266	8.240	8.144	8.204
Max	8.133	8.264	8.267	8.364	8.298	8.217	8.407
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

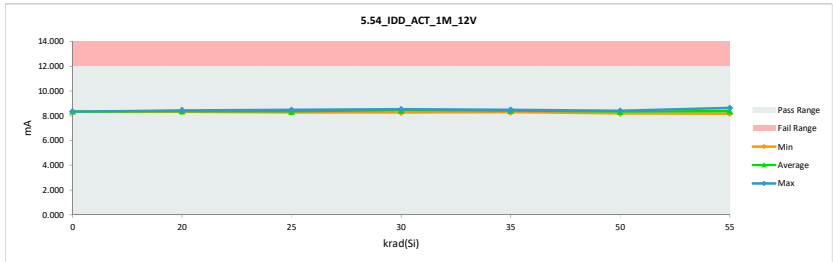
5.54_IDD_ACT_1M_12V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	11.7	12
Min Limit	5	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.344	8.347	0.003
25	1	8.267	8.266	-0.001
25	2	8.449	8.483	0.034
25	3	8.424	8.457	0.033
25	4	8.299	8.306	0.007
25	5	8.268	8.263	-0.005
20	6	8.332	8.332	0.000
20	7	8.435	8.441	0.006
20	8	8.392	8.328	-0.064
20	9	8.303	8.349	0.046
20	10	8.451	8.449	-0.002
35	11	8.410	8.436	0.026
35	12	8.387	8.461	0.074
35	13	8.228	8.281	0.053
35	14	8.414	8.423	0.009
35	15	8.462	8.488	0.026
30	16	8.494	8.507	0.013
30	17	8.460	8.395	-0.065
30	18	8.435	8.533	0.098
30	19	8.288	8.260	-0.028
30	20	8.521	8.521	0.000
55	21	8.604	8.635	0.031
55	22	8.292	8.326	0.034
55	23	8.378	8.407	0.029
55	24	8.217	8.312	0.095
55	25	8.269	8.287	0.018
55	26	8.483	8.569	0.086
55	27	8.266	8.355	0.089
55	28	8.396	8.435	0.039
55	29	8.343	8.333	-0.010
55	30	8.139	8.172	0.033
55	31	8.251	8.306	0.055
55	32	8.374	8.466	0.092
55	33	8.438	8.450	0.012
55	34	8.336	8.364	0.028
55	35	8.341	8.303	-0.038
55	36	8.308	8.291	-0.017
55	37	8.385	8.345	-0.040
55	38	8.295	8.309	0.014
55	39	8.446	8.427	-0.019
55	40	8.493	8.527	0.034
55	41	8.386	8.415	0.029
55	42	8.490	8.495	0.005
50	43	8.320	8.330	0.010
50	44	8.167	8.177	0.010
50	45	8.389	8.380	-0.009
50	46	8.369	8.359	-0.010
50	47	8.407	8.422	0.015
	Max	8.604	8.635	0.098
	Average	8.368	8.386	0.018
	Min	8.139	8.172	-0.065
	Std Dev	0.095	0.099	0.038



5.54_IDD_ACT_1M_12V		
Test Site		
Tester		
Test Number		
Max Limit	12	mA
Min Limit	0	mA

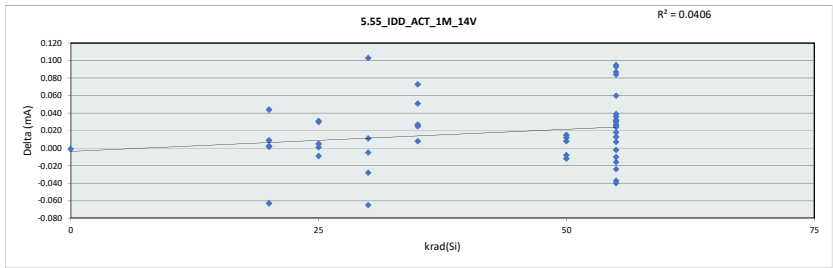
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.347	8.328	8.263	8.260	8.281	8.177	8.172
Average	8.347	8.380	8.355	8.443	8.418	8.334	8.388
Max	8.347	8.449	8.483	8.533	8.488	8.422	8.635
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

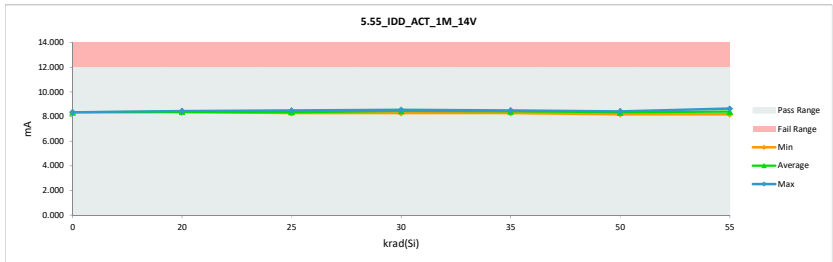
5.55_IDD_ACT_1M_14V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	11.7
Min Limit	5

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.351	8.350	-0.001
25	1	8.269	8.270	0.001
25	2	8.455	8.485	0.030
25	3	8.428	8.459	0.031
25	4	8.303	8.308	0.005
25	5	8.275	8.266	-0.009
20	6	8.335	8.337	0.002
20	7	8.438	8.447	0.009
20	8	8.396	8.333	-0.063
20	9	8.310	8.354	0.044
20	10	8.452	8.454	0.002
35	11	8.415	8.440	0.025
35	12	8.391	8.464	0.073
35	13	8.232	8.283	0.051
35	14	8.419	8.427	0.008
35	15	8.466	8.493	0.027
30	16	8.499	8.510	0.011
30	17	8.463	8.398	-0.065
30	18	8.437	8.540	0.103
30	19	8.292	8.264	-0.028
30	20	8.529	8.524	-0.005
55	21	8.609	8.640	0.031
55	22	8.300	8.330	0.030
55	23	8.385	8.412	0.027
55	24	8.220	8.315	0.095
55	25	8.271	8.289	0.018
55	26	8.489	8.573	0.084
55	27	8.267	8.360	0.093
55	28	8.399	8.438	0.039
55	29	8.349	8.339	-0.010
55	30	8.145	8.177	0.032
55	31	8.252	8.312	0.060
55	32	8.379	8.466	0.087
55	33	8.443	8.450	0.007
55	34	8.342	8.368	0.026
55	35	8.345	8.308	-0.037
55	36	8.315	8.299	-0.016
55	37	8.390	8.350	-0.040
55	38	8.300	8.313	0.013
55	39	8.450	8.426	-0.024
55	40	8.496	8.532	0.036
55	41	8.393	8.417	0.024
55	42	8.498	8.496	-0.002
50	43	8.324	8.336	0.012
50	44	8.172	8.180	0.008
50	45	8.392	8.384	-0.008
50	46	8.374	8.362	-0.012
50	47	8.412	8.427	0.015
Max		8.609	8.640	0.103
Average		8.372	8.390	0.017
Min		8.145	8.177	-0.065
Std Dev		0.095	0.099	0.038



5.55_IDD_ACT_1M_14V	
Test Site	
Tester	
Test Number	
Max Limit	12
Min Limit	0

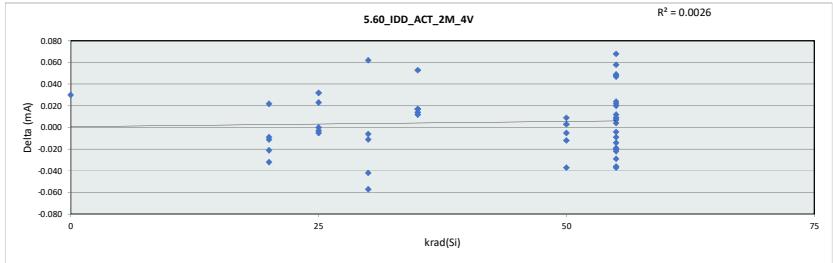
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.350	8.333	8.266	8.264	8.283	8.180	8.177
Average	8.350	8.385	8.358	8.447	8.421	8.338	8.391
Max	8.350	8.454	8.485	8.540	8.493	8.427	8.640
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

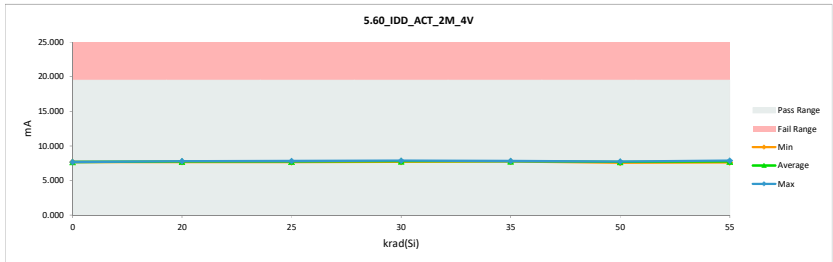
5.60_IDD_ACT_2M_4V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	13	19.5
Min Limit	5	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.645	7.675	0.030
25	1	7.647	7.647	0.000
25	2	7.783	7.806	0.023
25	3	7.729	7.761	0.032
25	4	7.730	7.727	-0.003
25	5	7.715	7.710	-0.005
20	6	7.729	7.718	-0.011
20	7	7.794	7.785	-0.009
20	8	7.702	7.670	-0.032
20	9	7.692	7.714	0.022
20	10	7.787	7.766	-0.021
35	11	7.777	7.794	0.017
35	12	7.720	7.773	0.053
35	13	7.712	7.726	0.014
35	14	7.803	7.815	0.012
35	15	7.802	7.819	0.017
30	16	7.842	7.836	-0.006
30	17	7.830	7.773	-0.057
30	18	7.803	7.865	0.062
30	19	7.729	7.687	-0.042
30	20	7.809	7.798	-0.011
55	21	7.868	7.875	0.007
55	22	7.680	7.660	-0.020
55	23	7.741	7.763	0.022
55	24	7.599	7.667	0.068
55	25	7.703	7.689	-0.014
55	26	7.782	7.831	0.049
55	27	7.724	7.771	0.047
55	28	7.737	7.785	0.048
55	29	7.716	7.707	-0.009
55	30	7.591	7.615	0.024
55	31	7.748	7.768	0.020
55	32	7.763	7.821	0.058
55	33	7.812	7.790	-0.022
55	34	7.723	7.732	0.009
55	35	7.698	7.662	-0.036
55	36	7.691	7.672	-0.019
55	37	7.721	7.684	-0.037
55	38	7.627	7.631	0.004
55	39	7.840	7.811	-0.029
55	40	7.846	7.855	0.009
55	41	7.742	7.754	0.012
55	42	7.823	7.819	-0.004
50	43	7.703	7.698	-0.005
50	44	7.551	7.539	-0.012
50	45	7.754	7.717	-0.037
50	46	7.756	7.759	0.003
50	47	7.718	7.727	0.009
	Max	7.868	7.875	0.068
	Average	7.738	7.743	0.005
	Min	7.551	7.539	-0.057
	Std Dev	0.069	0.071	0.029



5.60_IDD_ACT_2M_4V		
Test Site		
Tester		
Test Number		
Max Limit	19.5	mA
Min Limit	0	mA

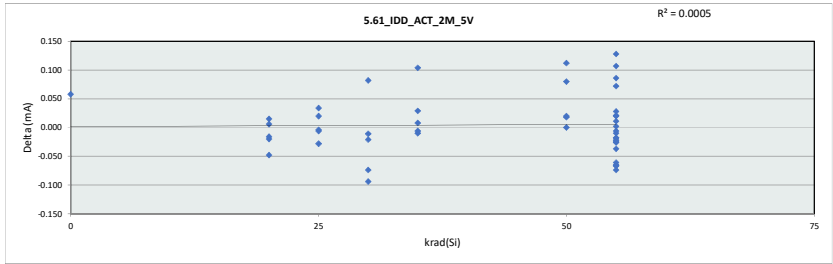
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.675	7.670	7.647	7.687	7.726	7.539	7.615
Average	7.675	7.731	7.730	7.792	7.785	7.688	7.744
Max	7.675	7.785	7.806	7.865	7.819	7.759	7.875
UL	19.500	19.500	19.500	19.500	19.500	19.500	19.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

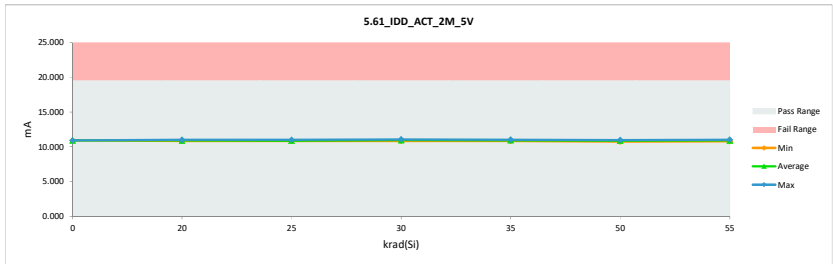
5.61_IDD_ACT_2M_5V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	18
Min Limit	10

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	10.868	10.926	0.058
25	1	10.861	10.857	-0.004
25	2	10.970	11.004	0.034
25	3	10.958	10.952	-0.006
25	4	10.891	10.863	-0.028
25	5	10.833	10.853	0.020
20	6	10.919	10.925	0.006
20	7	10.997	10.977	-0.020
20	8	10.912	10.864	-0.048
20	9	10.832	10.847	0.015
20	10	11.006	10.990	-0.016
35	11	10.932	10.961	0.029
35	12	10.911	10.901	-0.010
35	13	10.755	10.859	0.104
35	14	10.938	10.946	0.008
35	15	11.025	11.019	-0.006
30	16	11.048	11.037	-0.011
30	17	11.032	10.938	-0.094
30	18	10.978	11.060	0.082
30	19	10.861	10.840	-0.021
30	20	11.018	10.944	-0.074
55	21	11.059	10.994	-0.065
55	22	10.811	10.839	0.028
55	23	10.950	10.961	0.011
55	24	10.805	10.877	0.072
55	25	10.879	10.881	0.002
55	26	10.963	10.896	-0.067
55	27	10.835	10.963	0.128
55	28	10.956	10.950	-0.006
55	29	10.864	10.854	-0.010
55	30	10.721	10.807	0.086
55	31	10.856	10.963	0.107
55	32	11.028	10.991	-0.037
55	33	11.040	11.018	-0.022
55	34	10.934	10.916	-0.018
55	35	10.905	10.880	-0.025
55	36	10.807	10.828	0.021
55	37	10.913	10.839	-0.074
55	38	10.819	10.793	-0.026
55	39	11.043	10.982	-0.061
55	40	10.987	11.007	0.020
55	41	10.934	10.916	-0.018
55	42	11.044	10.978	-0.066
50	43	10.813	10.893	0.080
50	44	10.720	10.740	0.020
50	45	10.869	10.887	0.018
50	46	10.944	10.944	0.000
50	47	10.867	10.979	0.112
	Max	11.059	11.060	0.128
	Average	10.915	10.920	0.005
	Min	10.720	10.740	-0.094
	Std Dev	0.089	0.070	0.052



5.61_IDD_ACT_2M_5V	
Test Site	
Tester	
Test Number	
Max Limit	19.5
Min Limit	0

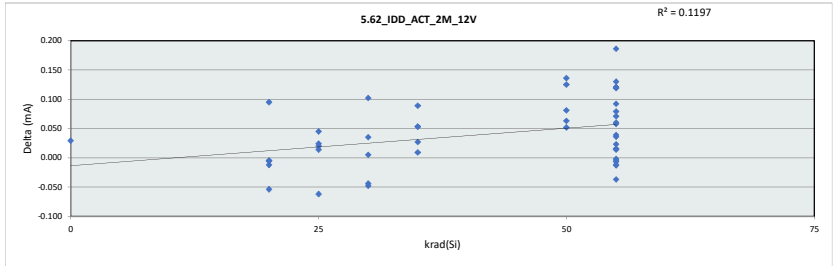
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	10.926	10.847	10.853	10.840	10.859	10.740	10.793
Average	10.926	10.921	10.906	10.964	10.937	10.889	10.915
Max	10.926	10.990	11.004	11.060	11.019	10.979	11.018
UL	19.500	19.500	19.500	19.500	19.500	19.500	19.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

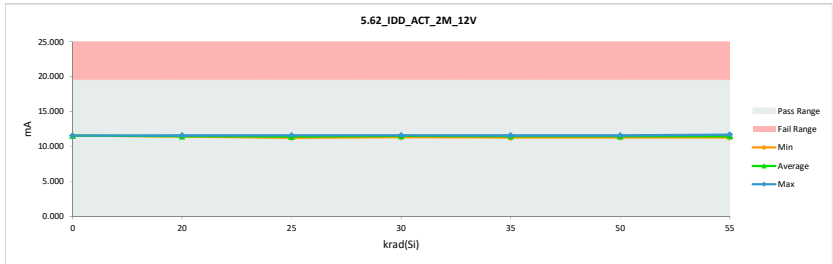
5.62_IDD_ACT_2M_12V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	18	19.5
Min Limit	10	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	11.520	11.549	0.029
25	1	11.312	11.326	0.014
25	2	11.558	11.603	0.045
25	3	11.536	11.556	0.020
25	4	11.299	11.323	0.024
25	5	11.327	11.265	-0.062
20	6	11.423	11.411	-0.012
20	7	11.500	11.495	-0.005
20	8	11.508	11.454	-0.054
20	9	11.332	11.427	0.095
20	10	11.582	11.577	-0.005
35	11	11.452	11.541	0.089
35	12	11.443	11.496	0.053
35	13	11.244	11.271	0.027
35	14	11.417	11.470	0.053
35	15	11.561	11.570	0.009
30	16	11.558	11.563	0.005
30	17	11.546	11.502	-0.044
30	18	11.466	11.568	0.102
30	19	11.309	11.344	0.035
30	20	11.639	11.591	-0.048
55	21	11.710	11.706	-0.004
55	22	11.340	11.470	0.130
55	23	11.532	11.611	0.079
55	24	11.344	11.463	0.119
55	25	11.368	11.428	0.060
55	26	11.574	11.562	-0.012
55	27	11.348	11.534	0.186
55	28	11.490	11.582	0.092
55	29	11.380	11.395	0.015
55	30	11.175	11.295	0.120
55	31	11.354	11.475	0.121
55	32	11.491	11.484	-0.007
55	33	11.589	11.625	0.036
55	34	11.479	11.518	0.039
55	35	11.457	11.471	0.014
55	36	11.396	11.411	0.015
55	37	11.467	11.465	-0.002
55	38	11.357	11.380	0.023
55	39	11.515	11.502	-0.013
55	40	11.571	11.642	0.071
55	41	11.421	11.479	0.058
55	42	11.601	11.564	-0.037
50	43	11.366	11.491	0.125
50	44	11.216	11.297	0.081
50	45	11.451	11.503	0.052
50	46	11.416	11.479	0.063
50	47	11.430	11.566	0.136
	Max	11.710	11.706	0.186
	Average	11.445	11.485	0.040
	Min	11.175	11.265	-0.062
	Std Dev	0.114	0.102	0.056



5.62_IDD_ACT_2M_12V		
Test Site		
Tester		
Test Number		
Max Limit	19.5	mA
Min Limit	0	mA

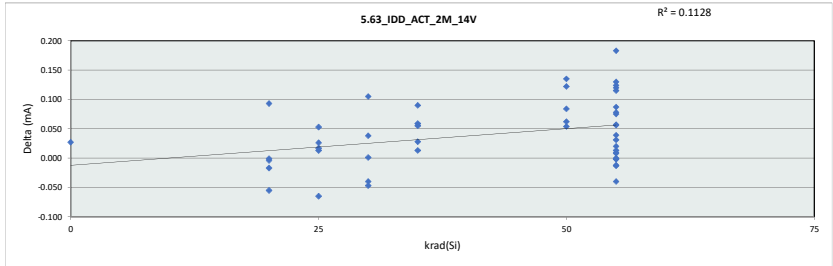
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	11.549	11.411	11.265	11.344	11.271	11.297	11.295
Average	11.549	11.473	11.415	11.514	11.470	11.467	11.503
Max	11.549	11.577	11.603	11.591	11.570	11.566	11.706
UL	19.500	19.500	19.500	19.500	19.500	19.500	19.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

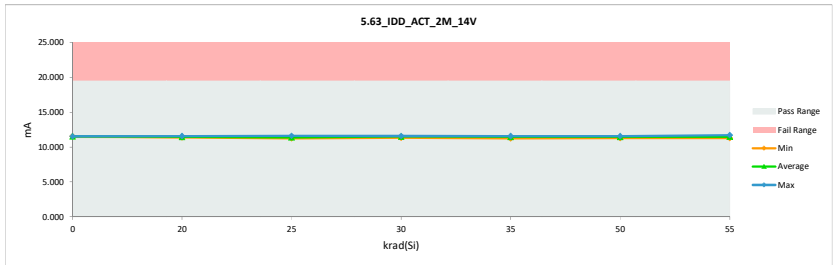
5.63_IDD_ACT_2M_14V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	18
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	11.526	11.553	0.027
25	1	11.318	11.331	0.013
25	2	11.562	11.615	0.053
25	3	11.543	11.560	0.017
25	4	11.299	11.325	0.026
25	5	11.331	11.266	-0.065
20	6	11.430	11.413	-0.017
20	7	11.503	11.499	-0.004
20	8	11.514	11.459	-0.055
20	9	11.336	11.429	0.093
20	10	11.582	11.581	-0.001
35	11	11.456	11.546	0.090
35	12	11.447	11.502	0.055
35	13	11.250	11.278	0.028
35	14	11.418	11.477	0.059
35	15	11.562	11.575	0.013
30	16	11.567	11.568	0.001
30	17	11.548	11.508	-0.040
30	18	11.466	11.571	0.105
30	19	11.307	11.345	0.038
30	20	11.641	11.594	-0.047
55	21	11.713	11.712	-0.001
55	22	11.345	11.475	0.130
55	23	11.538	11.616	0.078
55	24	11.348	11.468	0.120
55	25	11.376	11.432	0.056
55	26	11.578	11.565	-0.013
55	27	11.353	11.536	0.183
55	28	11.497	11.584	0.087
55	29	11.387	11.396	0.009
55	30	11.181	11.296	0.115
55	31	11.360	11.484	0.124
55	32	11.491	11.491	0.000
55	33	11.595	11.626	0.031
55	34	11.481	11.520	0.039
55	35	11.463	11.471	0.008
55	36	11.400	11.413	0.013
55	37	11.470	11.468	-0.002
55	38	11.361	11.381	0.020
55	39	11.520	11.508	-0.012
55	40	11.572	11.647	0.075
55	41	11.425	11.482	0.057
55	42	11.606	11.566	-0.040
50	43	11.369	11.491	0.122
50	44	11.218	11.302	0.084
50	45	11.454	11.508	0.054
50	46	11.419	11.481	0.062
50	47	11.434	11.569	0.135
	Max	11.713	11.712	0.183
	Average	11.449	11.489	0.040
	Min	11.181	11.266	-0.065
	Std Dev	0.114	0.102	0.056



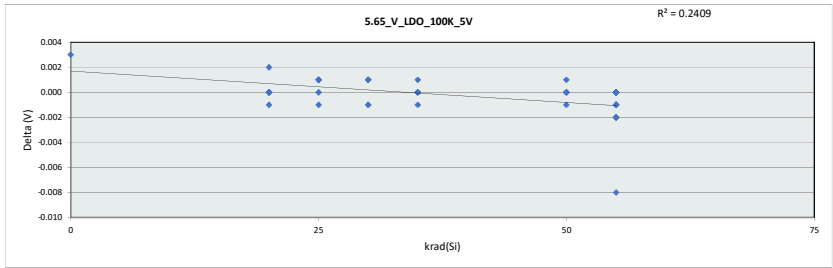
5.63_IDD_ACT_2M_14V	
Test Site	
Tester	
Test Number	
Max Limit	19.5
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	11.553	11.413	11.266	11.345	11.278	11.302	11.296
Average	11.553	11.476	11.419	11.517	11.476	11.470	11.506
Max	11.553	11.581	11.615	11.594	11.575	11.569	11.712
UL	19.500	19.500	19.500	19.500	19.500	19.500	19.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

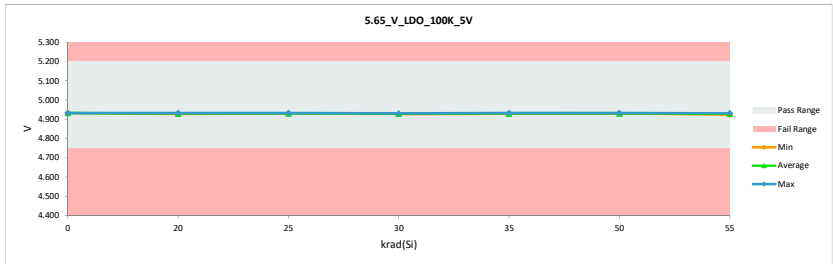
5.65_V_LDO_100K_5V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.1	5.2
Min Limit	4.85	4.75



krad(Si)	Serial #	5008_SEP_Pre	HDR 5008_SEP_Post	HDR	Delta
0	48	4.929	4.932		0.003
25	1	4.931	4.932		0.001
25	2	4.928	4.929		0.001
25	3	4.930	4.929		-0.001
25	4	4.930	4.930		0.000
25	5	4.931	4.932		0.001
20	6	4.931	4.931		0.000
20	7	4.928	4.928		0.000
20	8	4.930	4.932		0.002
20	9	4.930	4.930		0.000
20	10	4.928	4.927		-0.001
35	11	4.929	4.929		0.000
35	12	4.929	4.928		-0.001
35	13	4.932	4.932		0.000
35	14	4.929	4.930		0.001
35	15	4.928	4.928		0.000
30	16	4.927	4.926		-0.001
30	17	4.928	4.929		0.001
30	18	4.928	4.927		-0.001
30	19	4.929	4.930		0.001
30	20	4.927	4.928		0.001
55	21	4.927	4.927		0.000
55	22	4.931	4.923		-0.008
55	23	4.930	4.930		0.000
55	24	4.932	4.931		-0.001
55	25	4.931	4.930		-0.001
55	26	4.927	4.925		-0.002
55	27	4.931	4.929		-0.002
55	28	4.928	4.928		0.000
55	29	4.930	4.930		0.000
55	30	4.932	4.931		-0.001
55	31	4.932	4.930		-0.002
55	32	4.929	4.927		-0.002
55	33	4.929	4.929		0.000
55	34	4.930	4.929		-0.001
55	35	4.930	4.930		0.000
55	36	4.931	4.931		0.000
55	37	4.930	4.928		-0.002
55	38	4.931	4.930		-0.001
55	39	4.929	4.928		-0.001
55	40	4.928	4.927		-0.001
55	41	4.929	4.928		-0.001
55	42	4.928	4.928		0.000
50	43	4.931	4.931		0.000
50	44	4.933	4.932		-0.001
50	45	4.930	4.930		0.000
50	46	4.930	4.931		0.001
50	47	4.929	4.929		0.000
	Max	4.933	4.932		0.003
	Average	4.930	4.929		0.000
	Min	4.927	4.923		-0.008
	Std Dev	0.002	0.002		0.002

5.65_V_LDO_100K_5V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

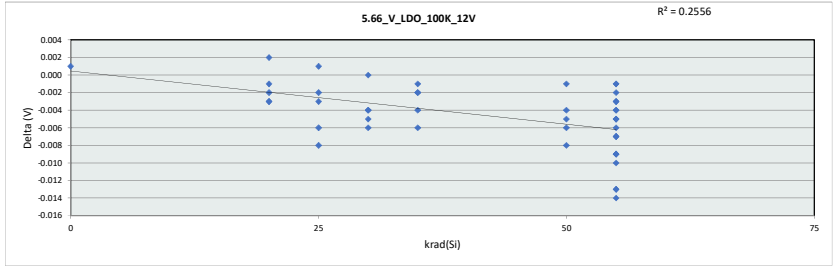
krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.932	4.927	4.929	4.926	4.928	4.929	4.923
Average	4.932	4.930	4.930	4.928	4.929	4.931	4.929
Max	4.932	4.932	4.932	4.930	4.932	4.932	4.931
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

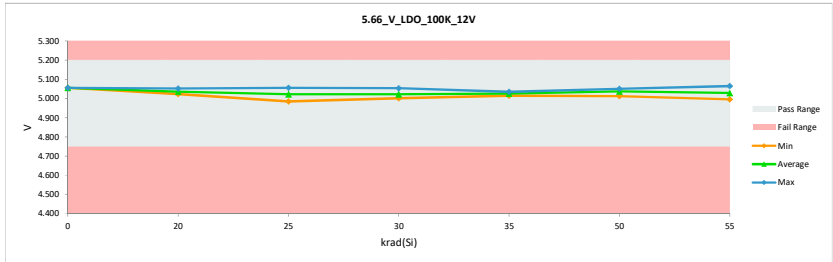
5.66_V_LDO_100K_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.85	4.75

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.055	5.056	0.001
25	1	5.004	5.005	0.001
25	2	5.059	5.056	-0.003
25	3	5.054	5.048	-0.006
25	4	4.987	4.985	-0.002
25	5	5.027	5.019	-0.008
20	6	5.025	5.024	-0.001
20	7	5.026	5.023	-0.003
20	8	5.055	5.052	-0.003
20	9	5.029	5.031	0.002
20	10	5.050	5.048	-0.002
35	11	5.035	5.033	-0.002
35	12	5.022	5.020	-0.002
35	13	5.028	5.024	-0.004
35	14	5.021	5.015	-0.006
35	15	5.036	5.035	-0.001
30	16	5.026	5.020	-0.006
30	17	5.025	5.020	-0.005
30	18	5.018	5.014	-0.004
30	19	5.002	5.002	0.000
30	20	5.058	5.054	-0.004
55	21	5.068	5.065	-0.003
55	22	5.038	5.034	-0.004
55	23	5.054	5.053	-0.001
55	24	5.038	5.034	-0.004
55	25	5.018	5.016	-0.002
55	26	5.030	5.027	-0.003
55	27	5.027	5.018	-0.009
55	28	5.040	5.034	-0.006
55	29	5.032	5.018	-0.014
55	30	5.010	4.997	-0.013
55	31	5.025	5.015	-0.010
55	32	4.999	4.996	-0.003
55	33	5.038	5.037	-0.001
55	34	5.037	5.032	-0.005
55	35	5.043	5.034	-0.009
55	36	5.063	5.054	-0.009
55	37	5.048	5.043	-0.005
55	38	5.048	5.035	-0.013
55	39	5.008	5.001	-0.007
55	40	5.055	5.048	-0.007
55	41	5.021	5.016	-0.005
55	42	5.031	5.024	-0.007
50	43	5.052	5.047	-0.005
50	44	5.026	5.022	-0.004
50	45	5.059	5.051	-0.008
50	46	5.014	5.013	-0.001
50	47	5.057	5.051	-0.006
	Max	5.068	5.065	0.002
	Average	5.034	5.029	-0.005
	Min	4.987	4.985	-0.014
	Std Dev	0.019	0.018	0.004



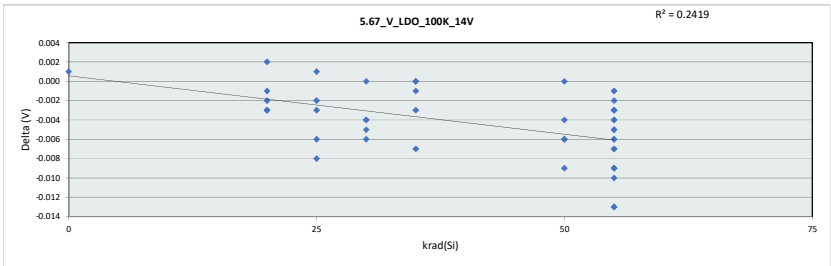
5.66_V_LDO_100K_12V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.056	5.023	4.985	5.002	5.015	5.013	4.996
Average	5.056	5.036	5.023	5.022	5.025	5.037	5.029
Max	5.056	5.052	5.056	5.054	5.035	5.051	5.065
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

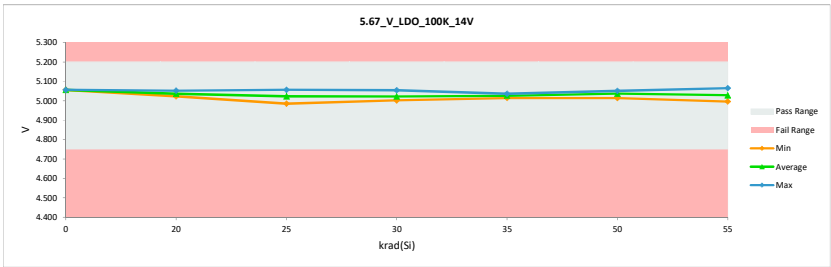
5.67_V_LDO_100K_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.85	4.75



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.055	5.056	0.001
25	1	5.004	5.005	0.001
25	2	5.059	5.056	-0.003
25	3	5.054	5.048	-0.006
25	4	4.987	4.985	-0.002
25	5	5.027	5.019	-0.008
20	6	5.025	5.024	-0.001
20	7	5.026	5.023	-0.003
20	8	5.055	5.052	-0.003
20	9	5.029	5.031	0.002
20	10	5.050	5.048	-0.002
35	11	5.034	5.033	-0.001
35	12	5.021	5.021	0.000
35	13	5.028	5.025	-0.003
35	14	5.021	5.014	-0.007
35	15	5.036	5.036	0.000
30	16	5.026	5.020	-0.006
30	17	5.025	5.020	-0.005
30	18	5.018	5.014	-0.004
30	19	5.002	5.002	0.000
30	20	5.058	5.054	-0.004
55	21	5.068	5.065	-0.003
55	22	5.038	5.034	-0.004
55	23	5.054	5.053	-0.001
55	24	5.038	5.034	-0.004
55	25	5.018	5.016	-0.002
55	26	5.030	5.027	-0.003
55	27	5.027	5.018	-0.009
55	28	5.040	5.034	-0.006
55	29	5.032	5.019	-0.013
55	30	5.010	4.997	-0.013
55	31	5.025	5.015	-0.010
55	32	4.999	4.996	-0.003
55	33	5.038	5.037	-0.001
55	34	5.037	5.032	-0.005
55	35	5.043	5.034	-0.009
55	36	5.063	5.054	-0.009
55	37	5.047	5.043	-0.004
55	38	5.048	5.035	-0.013
55	39	5.008	5.001	-0.007
55	40	5.055	5.048	-0.007
55	41	5.021	5.016	-0.005
55	42	5.030	5.024	-0.006
50	43	5.052	5.046	-0.006
50	44	5.026	5.022	-0.004
50	45	5.059	5.050	-0.009
50	46	5.013	5.013	0.000
50	47	5.057	5.051	-0.006
	Max	5.068	5.065	0.002
	Average	5.034	5.029	-0.005
	Min	4.987	4.985	-0.013
	Std Dev	0.019	0.018	0.004

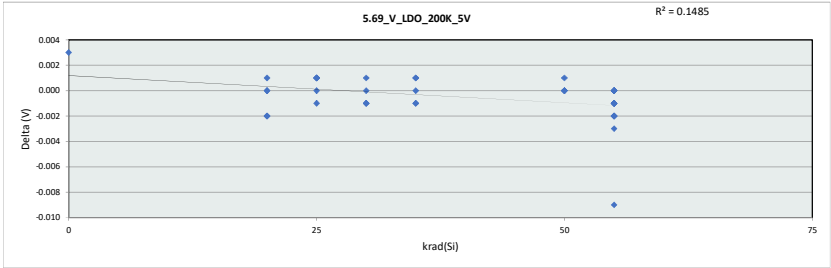
5.67_V_LDO_100K_14V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.056	5.023	4.985	5.002	5.014	5.013	4.996
Average	5.056	5.036	5.023	5.022	5.026	5.036	5.029
Max	5.056	5.052	5.056	5.054	5.036	5.051	5.065
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

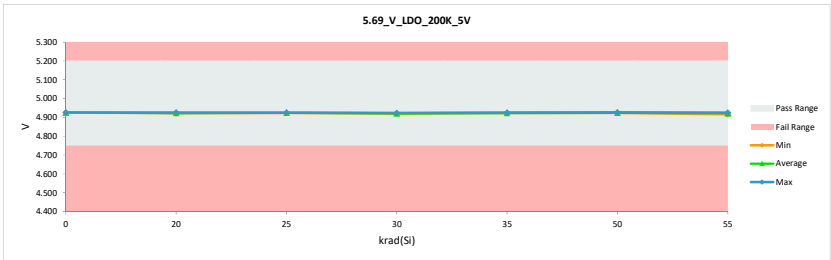
5.69_V_LDO_200K_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	5.1
Min Limit	4.84



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	4.923	4.926	0.003
25	1	4.925	4.926	0.001
25	2	4.922	4.923	0.001
25	3	4.924	4.923	-0.001
25	4	4.924	4.924	0.000
25	5	4.925	4.926	0.001
20	6	4.925	4.925	0.000
20	7	4.923	4.921	-0.002
20	8	4.925	4.926	0.001
20	9	4.924	4.924	0.000
20	10	4.923	4.921	-0.002
35	11	4.923	4.923	0.000
35	12	4.923	4.922	-0.001
35	13	4.926	4.925	-0.001
35	14	4.923	4.924	0.001
35	15	4.922	4.923	0.001
30	16	4.921	4.920	-0.001
30	17	4.922	4.923	0.001
30	18	4.922	4.921	-0.001
30	19	4.924	4.924	0.000
30	20	4.922	4.921	-0.001
55	21	4.921	4.921	0.000
55	22	4.925	4.916	-0.009
55	23	4.924	4.924	0.000
55	24	4.926	4.925	-0.001
55	25	4.925	4.924	-0.001
55	26	4.921	4.918	-0.003
55	27	4.925	4.923	-0.002
55	28	4.923	4.922	-0.001
55	29	4.924	4.924	0.000
55	30	4.927	4.925	-0.002
55	31	4.926	4.924	-0.002
55	32	4.923	4.921	-0.002
55	33	4.923	4.923	0.000
55	34	4.924	4.923	-0.001
55	35	4.924	4.924	0.000
55	36	4.926	4.925	-0.001
55	37	4.924	4.922	-0.002
55	38	4.925	4.924	-0.001
55	39	4.922	4.922	0.000
55	40	4.922	4.921	-0.001
55	41	4.923	4.923	0.000
55	42	4.923	4.922	-0.001
50	43	4.925	4.925	0.000
50	44	4.927	4.927	0.000
50	45	4.924	4.924	0.000
50	46	4.924	4.925	0.001
50	47	4.923	4.923	0.000
	Max	4.927	4.927	0.003
	Average	4.924	4.923	-0.001
	Min	4.921	4.916	-0.009
	Std Dev	0.002	0.002	0.002

5.69_V_LDO_200K_5V	
Test Site	
Tester	
Test Number	
Max Limit	5.2
Min Limit	4.75

krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.926	4.921	4.923	4.920	4.922	4.923	4.916
Average	4.926	4.923	4.924	4.922	4.923	4.925	4.923
Max	4.926	4.926	4.926	4.924	4.925	4.927	4.925
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200

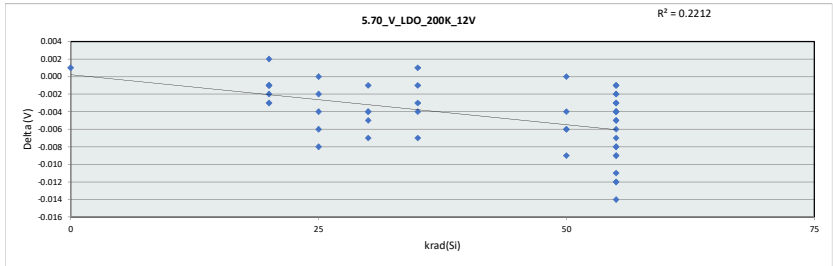


HDR TID Report TPS7H5008-SEP

krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

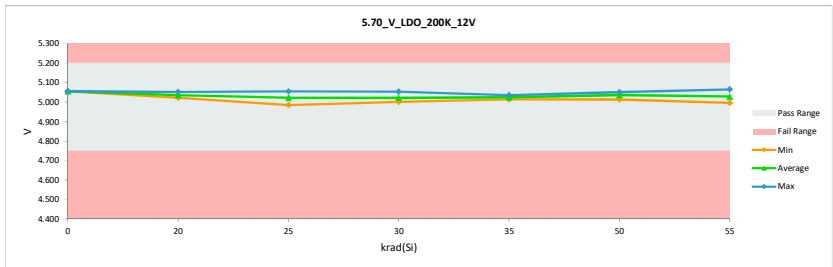
5.70_V_LDO_200K_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.84	4.75

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.055	5.056	0.001
25	1	5.004	5.004	0.000
25	2	5.059	5.055	-0.004
25	3	5.054	5.048	-0.006
25	4	4.987	4.985	-0.002
25	5	5.027	5.019	-0.008
20	6	5.025	5.024	-0.001
20	7	5.025	5.023	-0.002
20	8	5.055	5.052	-0.003
20	9	5.029	5.031	0.002
20	10	5.049	5.048	-0.001
35	11	5.035	5.032	-0.003
35	12	5.021	5.020	-0.001
35	13	5.028	5.024	-0.004
35	14	5.021	5.014	-0.007
35	15	5.035	5.036	0.001
30	16	5.026	5.019	-0.007
30	17	5.025	5.020	-0.005
30	18	5.018	5.014	-0.004
30	19	5.002	5.001	-0.001
30	20	5.058	5.054	-0.004
55	21	5.068	5.065	-0.003
55	22	5.038	5.034	-0.004
55	23	5.054	5.053	-0.001
55	24	5.038	5.034	-0.004
55	25	5.018	5.016	-0.002
55	26	5.029	5.027	-0.002
55	27	5.026	5.018	-0.008
55	28	5.039	5.034	-0.005
55	29	5.032	5.018	-0.014
55	30	5.009	4.997	-0.012
55	31	5.025	5.014	-0.011
55	32	4.999	4.996	-0.003
55	33	5.038	5.037	-0.001
55	34	5.036	5.032	-0.004
55	35	5.043	5.034	-0.009
55	36	5.063	5.054	-0.009
55	37	5.047	5.043	-0.004
55	38	5.047	5.035	-0.012
55	39	5.008	5.000	-0.008
55	40	5.054	5.048	-0.006
55	41	5.021	5.016	-0.005
55	42	5.030	5.023	-0.007
50	43	5.052	5.046	-0.006
50	44	5.026	5.022	-0.004
50	45	5.059	5.050	-0.009
50	46	5.013	5.013	0.000
50	47	5.057	5.051	-0.006
	Max	5.068	5.065	0.002
	Average	5.033	5.029	-0.005
	Min	4.987	4.985	-0.014
	Std Dev	0.019	0.019	0.004



5.70_V_LDO_200K_12V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

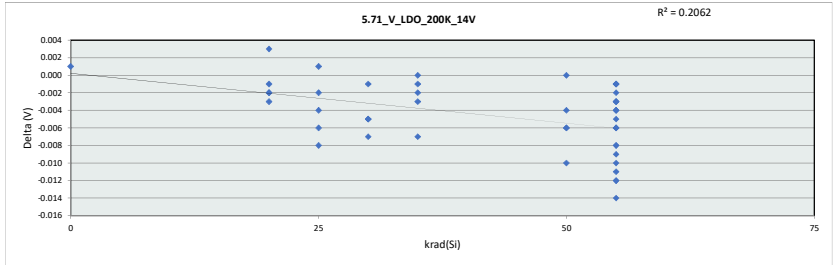
krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.056	5.023	4.985	5.001	5.014	5.013	4.996
Average	5.056	5.036	5.022	5.022	5.025	5.036	5.029
Max	5.056	5.052	5.055	5.054	5.036	5.051	5.065
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

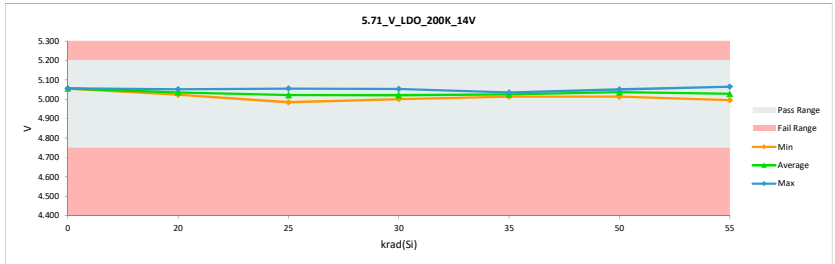
5.71_V_LDO_200K_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.84	4.75

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.055	5.056	0.001
25	1	5.003	5.004	0.001
25	2	5.059	5.055	-0.004
25	3	5.054	5.048	-0.006
25	4	4.987	4.985	-0.002
25	5	5.027	5.019	-0.008
20	6	5.025	5.024	-0.001
20	7	5.025	5.023	-0.002
20	8	5.055	5.052	-0.003
20	9	5.028	5.031	0.003
20	10	5.050	5.048	-0.002
35	11	5.034	5.032	-0.002
35	12	5.021	5.020	-0.001
35	13	5.027	5.024	-0.003
35	14	5.021	5.014	-0.007
35	15	5.035	5.035	0.000
30	16	5.026	5.019	-0.007
30	17	5.025	5.020	-0.005
30	18	5.018	5.013	-0.005
30	19	5.002	5.001	-0.001
30	20	5.058	5.053	-0.005
55	21	5.068	5.065	-0.003
55	22	5.037	5.034	-0.003
55	23	5.053	5.052	-0.001
55	24	5.038	5.034	-0.004
55	25	5.017	5.016	-0.001
55	26	5.029	5.027	-0.002
55	27	5.026	5.018	-0.008
55	28	5.039	5.033	-0.006
55	29	5.032	5.018	-0.014
55	30	5.009	4.997	-0.012
55	31	5.025	5.014	-0.011
55	32	4.999	4.996	-0.003
55	33	5.038	5.037	-0.001
55	34	5.036	5.032	-0.004
55	35	5.043	5.033	-0.010
55	36	5.063	5.054	-0.009
55	37	5.047	5.043	-0.004
55	38	5.047	5.035	-0.012
55	39	5.008	5.000	-0.008
55	40	5.054	5.048	-0.006
55	41	5.020	5.015	-0.005
55	42	5.030	5.024	-0.006
50	43	5.052	5.046	-0.006
50	44	5.026	5.022	-0.004
50	45	5.059	5.049	-0.010
50	46	5.013	5.013	0.000
50	47	5.057	5.051	-0.006
	Max	5.068	5.065	0.003
	Average	5.033	5.029	-0.005
	Min	4.987	4.985	-0.014
	Std Dev	0.019	0.018	0.004



5.71_V_LDO_200K_14V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

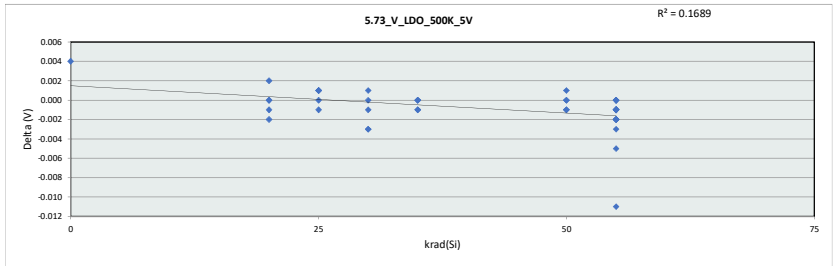
krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.056	5.023	4.985	5.001	5.014	5.013	4.996
Average	5.056	5.036	5.022	5.021	5.025	5.036	5.028
Max	5.056	5.052	5.055	5.053	5.035	5.051	5.065
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

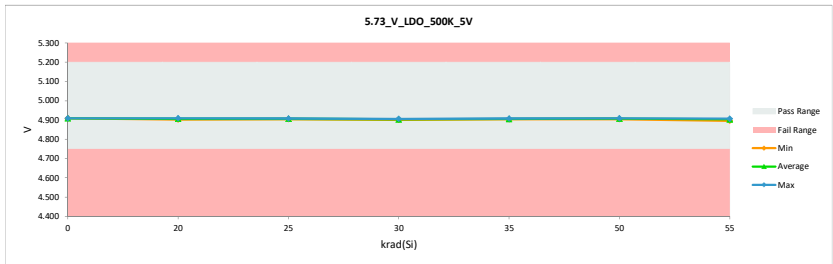
5.73_V_LDO_500K_5V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.1	5.2
Min Limit	4.81	4.75

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	4.905	4.909	0.004
25	1	4.907	4.908	0.001
25	2	4.904	4.905	0.001
25	3	4.906	4.905	-0.001
25	4	4.906	4.907	0.001
25	5	4.908	4.908	0.000
20	6	4.907	4.907	0.000
20	7	4.905	4.904	-0.001
20	8	4.907	4.909	0.002
20	9	4.907	4.907	0.000
20	10	4.905	4.903	-0.002
35	11	4.906	4.906	0.000
35	12	4.905	4.904	-0.001
35	13	4.909	4.908	-0.001
35	14	4.906	4.906	0.000
35	15	4.905	4.905	0.000
30	16	4.904	4.901	-0.003
30	17	4.904	4.905	0.001
30	18	4.905	4.902	-0.003
30	19	4.906	4.906	0.000
30	20	4.905	4.904	-0.001
55	21	4.903	4.902	-0.001
55	22	4.907	4.896	-0.011
55	23	4.906	4.906	0.000
55	24	4.908	4.907	-0.001
55	25	4.907	4.906	-0.001
55	26	4.904	4.899	-0.005
55	27	4.906	4.905	-0.001
55	28	4.905	4.905	0.000
55	29	4.906	4.906	0.000
55	30	4.909	4.907	-0.002
55	31	4.908	4.906	-0.002
55	32	4.906	4.903	-0.003
55	33	4.905	4.905	0.000
55	34	4.907	4.905	-0.002
55	35	4.907	4.906	-0.001
55	36	4.908	4.907	-0.001
55	37	4.906	4.904	-0.002
55	38	4.907	4.906	-0.001
55	39	4.905	4.904	-0.001
55	40	4.905	4.903	-0.002
55	41	4.905	4.905	0.000
55	42	4.905	4.904	-0.001
50	43	4.907	4.907	0.000
50	44	4.909	4.909	0.000
50	45	4.907	4.906	-0.001
50	46	4.906	4.907	0.001
50	47	4.906	4.905	-0.001
Max		4.909	4.909	0.004
Average		4.906	4.905	-0.001
Min		4.903	4.896	-0.011
Std Dev		0.001	0.002	0.002



5.73_V_LDO_500K_5V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

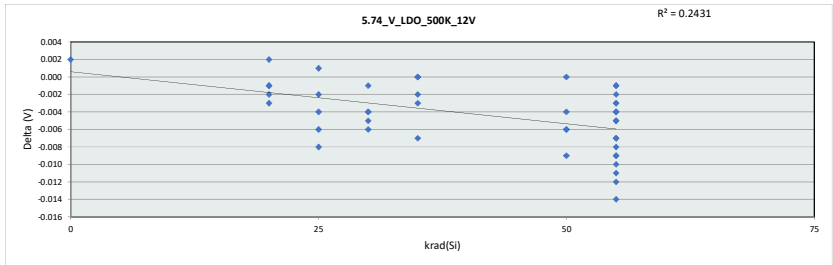
krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.909	4.903	4.905	4.901	4.904	4.905	4.896
Average	4.909	4.906	4.907	4.904	4.906	4.907	4.904
Max	4.909	4.909	4.908	4.906	4.908	4.909	4.907
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

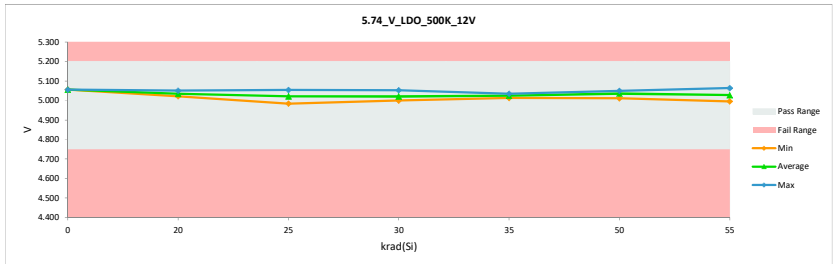
5.74_V_LDO_500K_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.81	4.75

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.054	5.056	0.002
25	1	5.003	5.004	0.001
25	2	5.058	5.054	-0.004
25	3	5.053	5.047	-0.006
25	4	4.986	4.984	-0.002
25	5	5.026	5.018	-0.008
20	6	5.024	5.023	-0.001
20	7	5.024	5.022	-0.002
20	8	5.054	5.051	-0.003
20	9	5.028	5.030	0.002
20	10	5.049	5.048	-0.001
35	11	5.034	5.032	-0.002
35	12	5.020	5.020	0.000
35	13	5.027	5.024	-0.003
35	14	5.020	5.013	-0.007
35	15	5.035	5.035	0.000
30	16	5.025	5.019	-0.006
30	17	5.024	5.019	-0.005
30	18	5.017	5.013	-0.004
30	19	5.001	5.000	-0.001
30	20	5.057	5.053	-0.004
55	21	5.067	5.064	-0.003
55	22	5.037	5.033	-0.004
55	23	5.053	5.052	-0.001
55	24	5.037	5.033	-0.004
55	25	5.016	5.015	-0.001
55	26	5.029	5.026	-0.003
55	27	5.026	5.018	-0.008
55	28	5.038	5.033	-0.005
55	29	5.031	5.017	-0.014
55	30	5.008	4.997	-0.011
55	31	5.024	5.014	-0.010
55	32	4.998	4.996	-0.002
55	33	5.037	5.036	-0.001
55	34	5.036	5.031	-0.005
55	35	5.042	5.033	-0.009
55	36	5.062	5.053	-0.009
55	37	5.046	5.042	-0.004
55	38	5.046	5.034	-0.012
55	39	5.007	5.000	-0.007
55	40	5.054	5.047	-0.007
55	41	5.020	5.015	-0.005
55	42	5.030	5.023	-0.007
50	43	5.051	5.045	-0.006
50	44	5.025	5.021	-0.004
50	45	5.058	5.049	-0.009
50	46	5.012	5.012	0.000
50	47	5.056	5.050	-0.006
	Max	5.067	5.064	0.002
	Average	5.033	5.028	-0.004
	Min	4.986	4.984	-0.014
	Std Dev	0.019	0.018	0.004



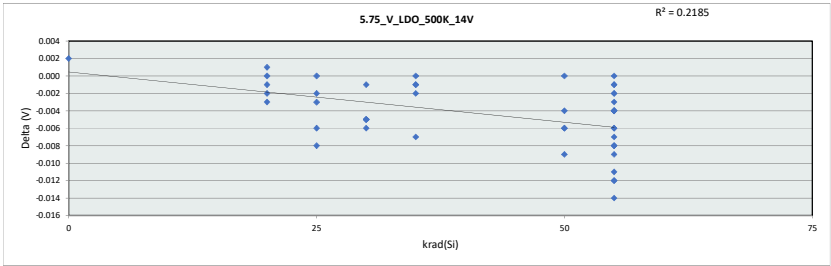
5.74_V_LDO_500K_12V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.056	5.022	4.984	5.000	5.013	5.012	4.996
Average	5.056	5.035	5.021	5.021	5.025	5.035	5.028
Max	5.056	5.051	5.054	5.053	5.035	5.050	5.064
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

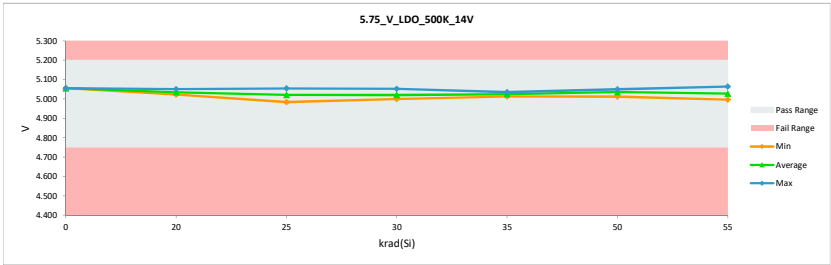
5.75_V_LDO_500K_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.81	4.75



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.054	5.056	0.002
25	1	5.003	5.003	0.000
25	2	5.057	5.054	-0.003
25	3	5.053	5.047	-0.006
25	4	4.986	4.984	-0.002
25	5	5.026	5.018	-0.008
20	6	5.024	5.023	-0.001
20	7	5.024	5.022	-0.002
20	8	5.054	5.051	-0.003
20	9	5.028	5.029	0.001
20	10	5.048	5.048	0.000
35	11	5.033	5.032	-0.001
35	12	5.020	5.019	-0.001
35	13	5.026	5.024	-0.002
35	14	5.020	5.013	-0.007
35	15	5.035	5.035	0.000
30	16	5.025	5.019	-0.006
30	17	5.024	5.019	-0.005
30	18	5.017	5.012	-0.005
30	19	5.001	5.000	-0.001
30	20	5.057	5.052	-0.005
55	21	5.067	5.064	-0.003
55	22	5.037	5.033	-0.004
55	23	5.053	5.052	-0.001
55	24	5.037	5.033	-0.004
55	25	5.016	5.015	-0.001
55	26	5.028	5.026	-0.002
55	27	5.025	5.017	-0.008
55	28	5.038	5.032	-0.006
55	29	5.031	5.017	-0.014
55	30	5.008	4.996	-0.012
55	31	5.024	5.013	-0.011
55	32	4.998	4.996	-0.002
55	33	5.036	5.036	0.000
55	34	5.035	5.031	-0.004
55	35	5.042	5.033	-0.009
55	36	5.061	5.053	-0.008
55	37	5.046	5.042	-0.004
55	38	5.046	5.034	-0.012
55	39	5.007	4.999	-0.008
55	40	5.054	5.047	-0.007
55	41	5.019	5.015	-0.004
55	42	5.029	5.023	-0.006
50	43	5.051	5.045	-0.006
50	44	5.025	5.021	-0.004
50	45	5.058	5.049	-0.009
50	46	5.012	5.012	0.000
50	47	5.056	5.050	-0.006
	Max	5.067	5.064	0.002
	Average	5.032	5.028	-0.004
	Min	4.986	4.984	-0.014
	Std Dev	0.019	0.019	0.004

5.75_V_LDO_500K_14V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

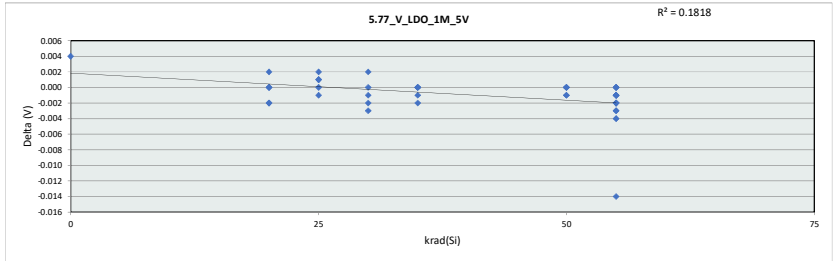
krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.056	5.022	4.984	5.000	5.013	5.012	4.996
Average	5.056	5.035	5.021	5.020	5.025	5.035	5.028
Max	5.056	5.051	5.054	5.052	5.035	5.050	5.064
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

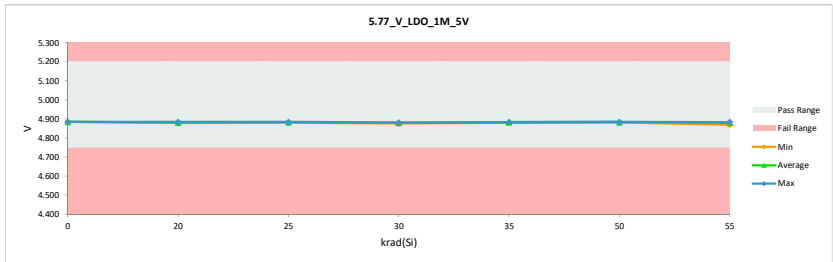
5.77_V_LDO_1M_5V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.1	5.2
Min Limit	4.75	4.75

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	4.880	4.884	0.004
25	1	4.882	4.884	0.002
25	2	4.880	4.881	0.001
25	3	4.881	4.880	-0.001
25	4	4.882	4.882	0.000
25	5	4.883	4.884	0.001
20	6	4.883	4.883	0.000
20	7	4.880	4.878	-0.002
20	8	4.882	4.884	0.002
20	9	4.882	4.882	0.000
20	10	4.879	4.877	-0.002
35	11	4.882	4.882	0.000
35	12	4.881	4.879	-0.002
35	13	4.884	4.883	-0.001
35	14	4.882	4.882	0.000
35	15	4.880	4.880	0.000
30	16	4.879	4.876	-0.003
30	17	4.879	4.881	0.002
30	18	4.880	4.878	-0.002
30	19	4.881	4.881	0.000
30	20	4.880	4.879	-0.001
55	21	4.879	4.879	0.000
55	22	4.883	4.869	-0.014
55	23	4.882	4.881	-0.001
55	24	4.883	4.882	-0.001
55	25	4.882	4.882	0.000
55	26	4.879	4.875	-0.004
55	27	4.882	4.879	-0.003
55	28	4.881	4.880	-0.001
55	29	4.882	4.882	0.000
55	30	4.884	4.882	-0.002
55	31	4.883	4.881	-0.002
55	32	4.881	4.878	-0.003
55	33	4.880	4.879	-0.001
55	34	4.882	4.880	-0.002
55	35	4.882	4.881	-0.001
55	36	4.883	4.883	0.000
55	37	4.882	4.878	-0.004
55	38	4.883	4.881	-0.002
55	39	4.881	4.879	-0.002
55	40	4.880	4.878	-0.002
55	41	4.881	4.880	-0.001
55	42	4.880	4.879	-0.001
50	43	4.883	4.882	-0.001
50	44	4.884	4.884	0.000
50	45	4.882	4.882	0.000
50	46	4.882	4.882	0.000
50	47	4.882	4.881	-0.001
Max		4.884	4.884	0.004
Average		4.881	4.880	-0.001
Min		4.879	4.869	-0.014
Std Dev		0.001	0.003	0.002



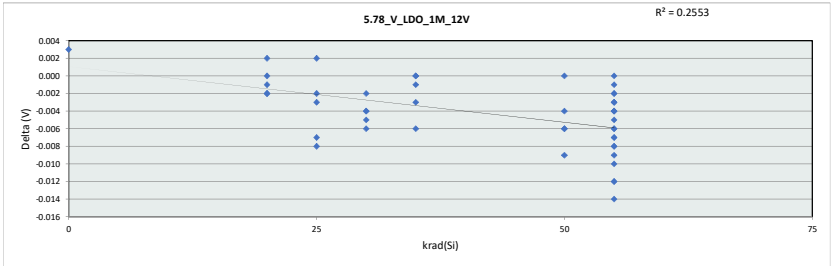
5.77_V_LDO_1M_5V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	4.884	4.877	4.880	4.876	4.879	4.881	4.869
Average	4.884	4.881	4.882	4.879	4.881	4.882	4.879
Max	4.884	4.884	4.884	4.881	4.883	4.884	4.883
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

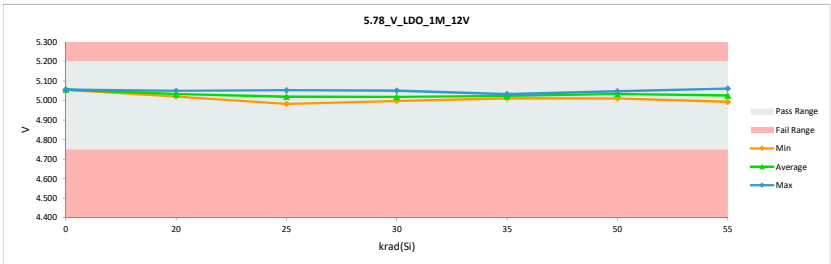
5.78_V_LDO_1M_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.85	4.75



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.053	5.056	0.003
25	1	5.001	5.003	0.002
25	2	5.056	5.053	-0.003
25	3	5.052	5.045	-0.007
25	4	4.985	4.983	-0.002
25	5	5.024	5.016	-0.008
20	6	5.023	5.022	-0.001
20	7	5.023	5.021	-0.002
20	8	5.052	5.050	-0.002
20	9	5.026	5.028	0.002
20	10	5.047	5.047	0.000
35	11	5.032	5.031	-0.001
35	12	5.019	5.019	0.000
35	13	5.026	5.023	-0.003
35	14	5.018	5.012	-0.006
35	15	5.033	5.033	0.000
30	16	5.024	5.018	-0.006
30	17	5.023	5.018	-0.005
30	18	5.015	5.011	-0.004
30	19	5.000	4.998	-0.002
30	20	5.055	5.051	-0.004
55	21	5.065	5.062	-0.003
55	22	5.035	5.032	-0.003
55	23	5.051	5.051	0.000
55	24	5.036	5.032	-0.004
55	25	5.015	5.013	-0.002
55	26	5.027	5.025	-0.002
55	27	5.024	5.016	-0.008
55	28	5.037	5.031	-0.006
55	29	5.030	5.016	-0.014
55	30	5.007	4.995	-0.012
55	31	5.022	5.012	-0.010
55	32	4.997	4.994	-0.003
55	33	5.035	5.034	-0.001
55	34	5.034	5.030	-0.004
55	35	5.041	5.032	-0.009
55	36	5.060	5.052	-0.008
55	37	5.045	5.041	-0.004
55	38	5.044	5.032	-0.012
55	39	5.005	4.998	-0.007
55	40	5.053	5.046	-0.007
55	41	5.018	5.013	-0.005
55	42	5.028	5.022	-0.006
50	43	5.049	5.043	-0.006
50	44	5.024	5.020	-0.004
50	45	5.056	5.047	-0.009
50	46	5.011	5.011	0.000
50	47	5.054	5.048	-0.006
	Max	5.065	5.062	0.003
	Average	5.031	5.027	-0.004
	Min	4.985	4.983	-0.014
	Std Dev	0.018	0.018	0.004

5.78_V_LDO_1M_12V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

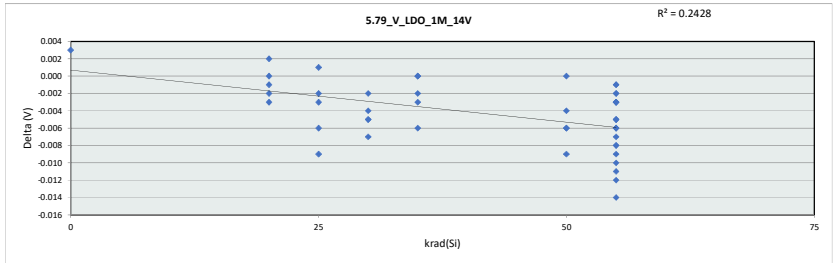
krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.056	5.021	4.983	4.998	5.012	5.011	4.994
Average	5.056	5.034	5.020	5.019	5.024	5.034	5.026
Max	5.056	5.050	5.053	5.051	5.033	5.048	5.062
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

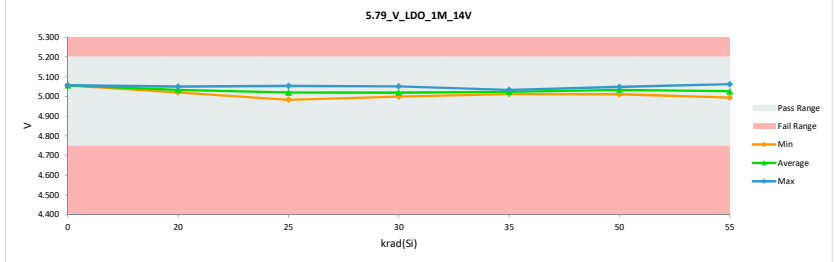
5.79_V_LDO_1M_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.85	4.75

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.053	5.056	0.003
25	1	5.001	5.002	0.001
25	2	5.056	5.053	-0.003
25	3	5.051	5.045	-0.006
25	4	4.985	4.983	-0.002
25	5	5.024	5.015	-0.009
20	6	5.022	5.021	-0.001
20	7	5.023	5.020	-0.003
20	8	5.052	5.050	-0.002
20	9	5.026	5.028	0.002
20	10	5.047	5.047	0.000
35	11	5.032	5.030	-0.002
35	12	5.019	5.019	0.000
35	13	5.025	5.022	-0.003
35	14	5.018	5.012	-0.006
35	15	5.033	5.033	0.000
30	16	5.024	5.017	-0.007
30	17	5.023	5.018	-0.005
30	18	5.015	5.011	-0.004
30	19	5.000	4.998	-0.002
30	20	5.056	5.051	-0.005
55	21	5.065	5.062	-0.003
55	22	5.035	5.032	-0.003
55	23	5.051	5.050	-0.001
55	24	5.036	5.031	-0.005
55	25	5.015	5.013	-0.002
55	26	5.027	5.025	-0.002
55	27	5.024	5.016	-0.008
55	28	5.037	5.031	-0.006
55	29	5.029	5.015	-0.014
55	30	5.006	4.995	-0.011
55	31	5.022	5.012	-0.010
55	32	4.997	4.994	-0.003
55	33	5.035	5.034	-0.001
55	34	5.034	5.029	-0.005
55	35	5.041	5.032	-0.009
55	36	5.060	5.052	-0.008
55	37	5.044	5.041	-0.003
55	38	5.044	5.032	-0.012
55	39	5.005	4.998	-0.007
55	40	5.052	5.046	-0.006
55	41	5.018	5.013	-0.005
55	42	5.028	5.022	-0.006
50	43	5.049	5.043	-0.006
50	44	5.023	5.019	-0.004
50	45	5.056	5.047	-0.009
50	46	5.011	5.011	0.000
50	47	5.054	5.048	-0.006
	Max	5.065	5.062	0.003
	Average	5.031	5.027	-0.004
	Min	4.985	4.983	-0.014
	Std Dev	0.019	0.019	0.004



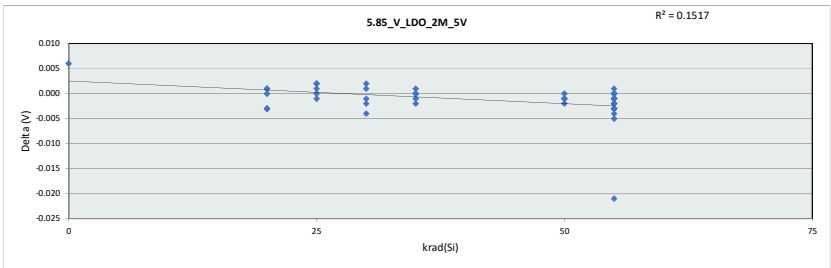
5.79_V_LDO_1M_14V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.75	V

krad(Si)	0	20	25	30	35	50	55
LL	4.750	4.750	4.750	4.750	4.750	4.750	4.750
Min	5.056	5.020	4.983	4.998	5.012	5.011	4.994
Average	5.056	5.033	5.020	5.019	5.023	5.034	5.026
Max	5.056	5.050	5.053	5.051	5.033	5.048	5.062
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

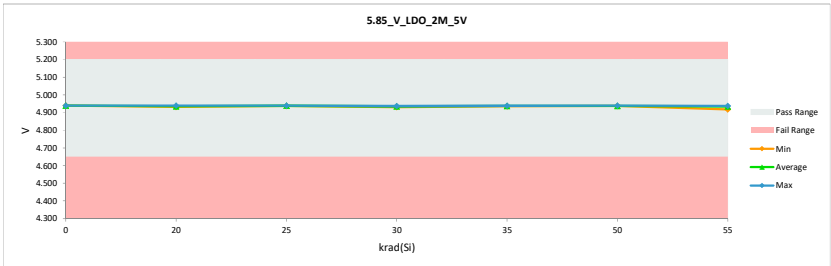
5.85_V_LDO_2M_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	5.1
Min Limit	4.8



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	4.934	4.940	0.006
25	1	4.938	4.940	0.002
25	2	4.936	4.938	0.002
25	3	4.938	4.937	-0.001
25	4	4.938	4.939	0.001
25	5	4.940	4.940	0.000
20	6	4.938	4.939	0.001
20	7	4.936	4.933	-0.003
20	8	4.939	4.940	0.001
20	9	4.939	4.939	0.000
20	10	4.935	4.932	-0.003
35	11	4.938	4.938	0.000
35	12	4.937	4.936	-0.001
35	13	4.941	4.939	-0.002
35	14	4.939	4.939	0.000
35	15	4.935	4.936	0.001
30	16	4.935	4.931	-0.004
30	17	4.935	4.937	0.002
30	18	4.936	4.934	-0.002
30	19	4.937	4.936	-0.001
30	20	4.936	4.937	0.001
55	21	4.936	4.937	0.001
55	22	4.939	4.918	-0.021
55	23	4.937	4.937	0.000
55	24	4.938	4.937	-0.001
55	25	4.938	4.937	-0.001
55	26	4.936	4.933	-0.003
55	27	4.937	4.934	-0.003
55	28	4.937	4.937	0.000
55	29	4.938	4.938	0.000
55	30	4.940	4.936	-0.004
55	31	4.939	4.936	-0.003
55	32	4.937	4.935	-0.002
55	33	4.935	4.934	-0.001
55	34	4.938	4.935	-0.003
55	35	4.938	4.936	-0.002
55	36	4.940	4.938	-0.002
55	37	4.938	4.933	-0.005
55	38	4.939	4.937	-0.002
55	39	4.937	4.935	-0.002
55	40	4.936	4.935	-0.001
55	41	4.937	4.936	-0.001
55	42	4.937	4.936	-0.001
50	43	4.939	4.938	-0.001
50	44	4.941	4.940	-0.001
50	45	4.939	4.938	-0.001
50	46	4.938	4.938	0.000
50	47	4.939	4.937	-0.002
	Max	4.941	4.940	0.006
	Average	4.938	4.936	-0.001
	Min	4.934	4.918	-0.021
	Std Dev	0.002	0.003	0.003

5.85_V_LDO_2M_5V	
Test Site	
Tester	
Test Number	
Max Limit	5.2
Min Limit	4.65

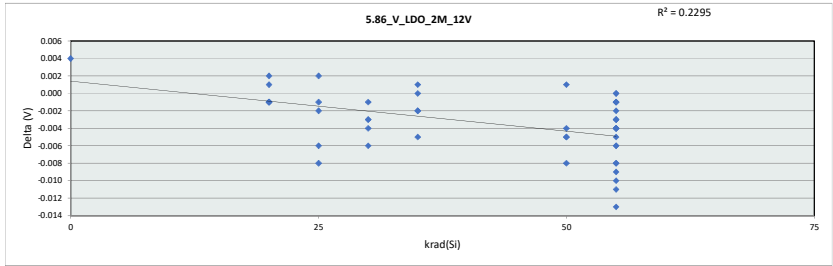
krad(Si)	0	20	25	30	35	50	55
LL	4.650	4.650	4.650	4.650	4.650	4.650	4.650
Min	4.940	4.932	4.937	4.931	4.936	4.937	4.918
Average	4.940	4.937	4.939	4.935	4.938	4.938	4.935
Max	4.940	4.940	4.940	4.937	4.939	4.940	4.938
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

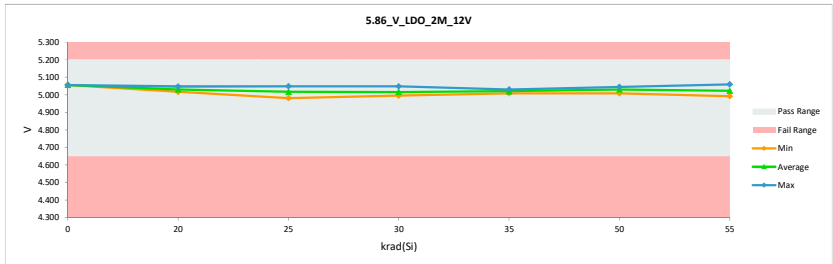
5.86_V_LDO_2M_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.8	4.65

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.052	5.056	0.004
25	1	4.998	5.000	0.002
25	2	5.051	5.049	-0.002
25	3	5.048	5.042	-0.006
25	4	4.982	4.981	-0.001
25	5	5.020	5.012	-0.008
20	6	5.019	5.018	-0.001
20	7	5.018	5.017	-0.001
20	8	5.048	5.047	-0.001
20	9	5.023	5.025	0.002
20	10	5.044	5.045	0.001
35	11	5.029	5.027	-0.002
35	12	5.015	5.016	0.001
35	13	5.022	5.020	-0.002
35	14	5.014	5.009	-0.005
35	15	5.030	5.030	0.000
30	16	5.020	5.014	-0.006
30	17	5.019	5.015	-0.004
30	18	5.011	5.008	-0.003
30	19	4.996	4.995	-0.001
30	20	5.051	5.048	-0.003
55	21	5.062	5.059	-0.003
55	22	5.032	5.029	-0.003
55	23	5.047	5.047	0.000
55	24	5.032	5.029	-0.003
55	25	5.010	5.009	-0.001
55	26	5.023	5.022	-0.001
55	27	5.020	5.014	-0.006
55	28	5.033	5.029	-0.004
55	29	5.025	5.012	-0.013
55	30	5.002	4.992	-0.010
55	31	5.017	5.008	-0.009
55	32	4.994	4.992	-0.002
55	33	5.030	5.030	0.000
55	34	5.030	5.026	-0.004
55	35	5.038	5.030	-0.008
55	36	5.056	5.048	-0.008
55	37	5.040	5.039	-0.001
55	38	5.040	5.029	-0.011
55	39	5.001	4.996	-0.005
55	40	5.049	5.043	-0.006
55	41	5.014	5.010	-0.004
55	42	5.024	5.020	-0.004
50	43	5.045	5.040	-0.005
50	44	5.020	5.016	-0.004
50	45	5.052	5.044	-0.008
50	46	5.007	5.008	0.001
50	47	5.050	5.045	-0.005
	Max	5.062	5.059	0.004
	Average	5.027	5.024	-0.003
	Min	4.982	4.981	-0.013
	Std Dev	0.019	0.018	0.004



5.86_V_LDO_2M_12V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.65	V

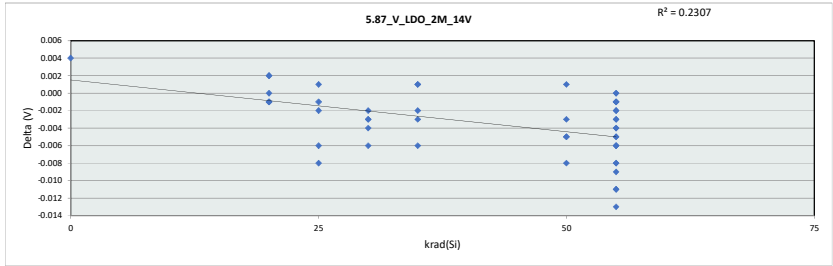
krad(Si)	0	20	25	30	35	50	55
LL	4.650	4.650	4.650	4.650	4.650	4.650	4.650
Min	5.056	5.017	4.981	4.995	5.009	5.008	4.992
Average	5.056	5.030	5.017	5.016	5.020	5.031	5.023
Max	5.056	5.047	5.049	5.048	5.030	5.045	5.059
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

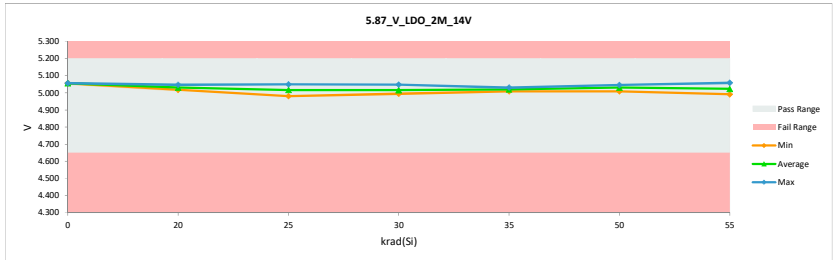
5.87_V_LDO_2M_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	5.15	5.2
Min Limit	4.8	4.65

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	5.052	5.056	0.004
25	1	4.998	4.999	0.001
25	2	5.051	5.049	-0.002
25	3	5.048	5.042	-0.006
25	4	4.981	4.980	-0.001
25	5	5.019	5.011	-0.008
20	6	5.018	5.018	0.000
20	7	5.018	5.017	-0.001
20	8	5.048	5.047	-0.001
20	9	5.022	5.024	0.002
20	10	5.043	5.045	0.002
35	11	5.029	5.027	-0.002
35	12	5.015	5.016	0.001
35	13	5.022	5.019	-0.003
35	14	5.014	5.008	-0.006
35	15	5.029	5.030	0.001
30	16	5.020	5.014	-0.006
30	17	5.019	5.015	-0.004
30	18	5.011	5.008	-0.003
30	19	4.996	4.994	-0.002
30	20	5.051	5.048	-0.003
55	21	5.061	5.058	-0.003
55	22	5.031	5.029	-0.002
55	23	5.047	5.047	0.000
55	24	5.032	5.029	-0.003
55	25	5.010	5.009	-0.001
55	26	5.023	5.022	-0.001
55	27	5.020	5.014	-0.006
55	28	5.033	5.028	-0.005
55	29	5.025	5.012	-0.013
55	30	5.002	4.991	-0.011
55	31	5.017	5.008	-0.009
55	32	4.994	4.992	-0.002
55	33	5.030	5.030	0.000
55	34	5.030	5.026	-0.004
55	35	5.037	5.029	-0.008
55	36	5.056	5.048	-0.008
55	37	5.040	5.039	-0.001
55	38	5.039	5.028	-0.011
55	39	5.001	4.995	-0.006
55	40	5.049	5.043	-0.006
55	41	5.014	5.009	-0.005
55	42	5.024	5.020	-0.004
50	43	5.044	5.039	-0.005
50	44	5.019	5.016	-0.003
50	45	5.052	5.044	-0.008
50	46	5.007	5.008	0.001
50	47	5.050	5.045	-0.005
	Max	5.061	5.058	0.004
	Average	5.027	5.023	-0.003
	Min	4.981	4.980	-0.013
	Std Dev	0.019	0.019	0.004



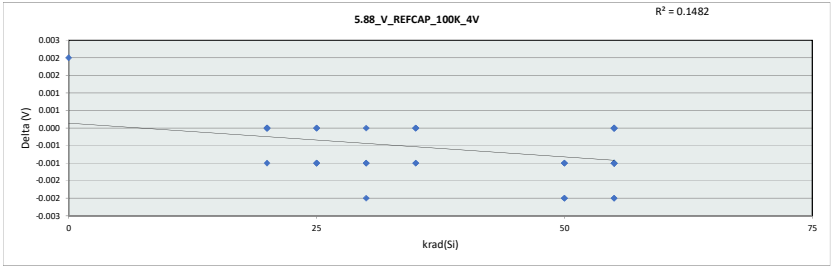
5.87_V_LDO_2M_14V		
Test Site		
Tester		
Test Number		
Max Limit	5.2	V
Min Limit	4.65	V

krad(Si)	0	20	25	30	35	50	55
LL	4.650	4.650	4.650	4.650	4.650	4.650	4.650
Min	5.056	5.017	4.980	4.994	5.008	5.008	4.991
Average	5.056	5.030	5.016	5.016	5.020	5.030	5.023
Max	5.056	5.047	5.049	5.048	5.030	5.045	5.058
UL	5.200	5.200	5.200	5.200	5.200	5.200	5.200



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

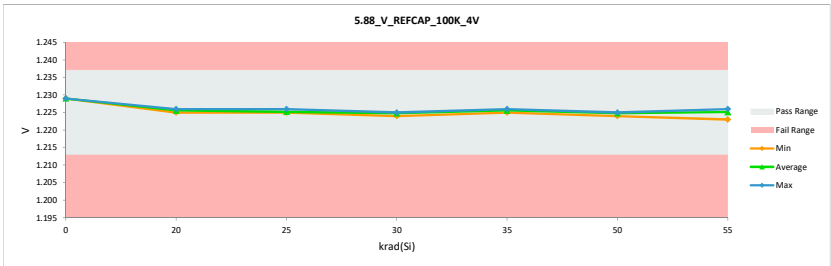
5.88_V_REFCAP_100K_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



5.88_V_REFCAP_100K_4V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

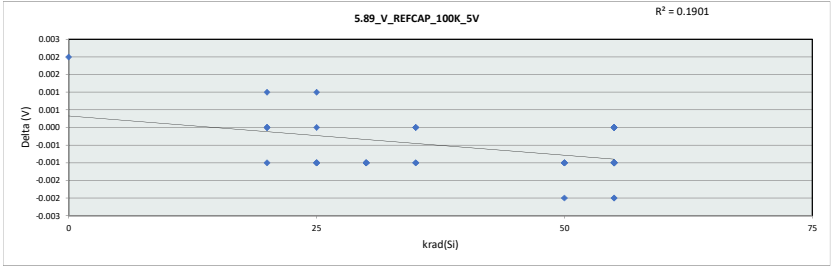
krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.229	1.225	1.225	1.224	1.225	1.224	1.223
Average	1.229	1.226	1.225	1.225	1.226	1.225	1.225
Max	1.229	1.226	1.226	1.225	1.226	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.225	0.000
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.225	-0.001
20	7	1.225	1.225	0.000
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.226	0.000
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.226	1.226	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.224	-0.002
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.225	1.225	0.000
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.226	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.224	-0.002
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.226	1.225	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.224	-0.002
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
Max		1.227	1.229	0.002
Average		1.226	1.225	-0.001
Min		1.224	1.223	-0.002
Std Dev		0.000	0.001	0.001



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

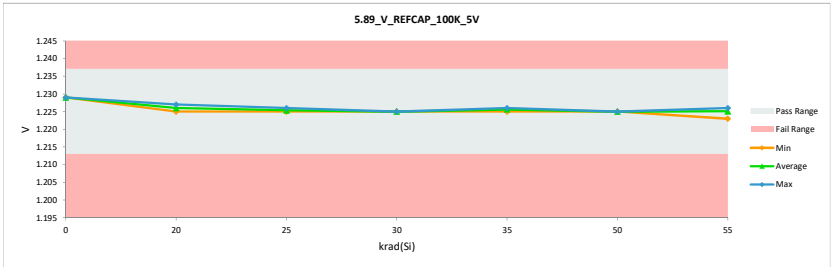
5.89_V_REFCAP_100K_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.226	1.226	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.226	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.224	-0.002
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.226	1.225	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
	Max	1.227	1.229	0.002
	Average	1.226	1.225	-0.001
	Min	1.224	1.223	-0.002
	Std Dev	0.000	0.001	0.001

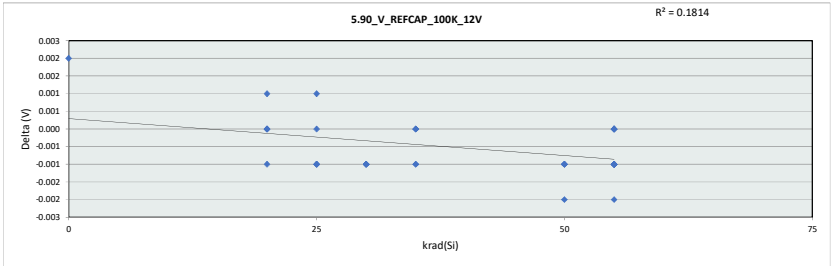
5.89_V_REFCAP_100K_5V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.229	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.229	1.226	1.225	1.225	1.226	1.225	1.225
Max	1.229	1.227	1.226	1.225	1.226	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

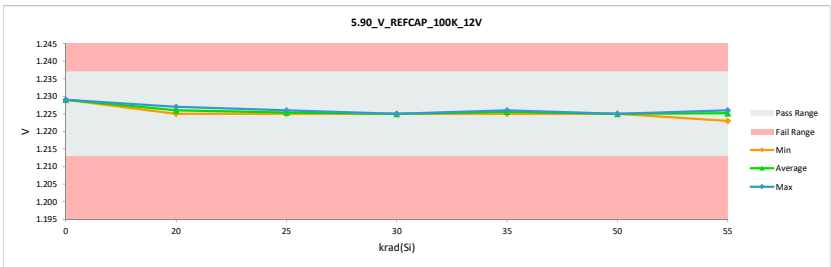
5.90_V_REFCAP_100K_12V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.226	1.226	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.226	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.226	1.225	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
	Max	1.227	1.229	0.002
	Average	1.226	1.225	-0.001
	Min	1.224	1.223	-0.002
	Std Dev	0.000	0.001	0.001

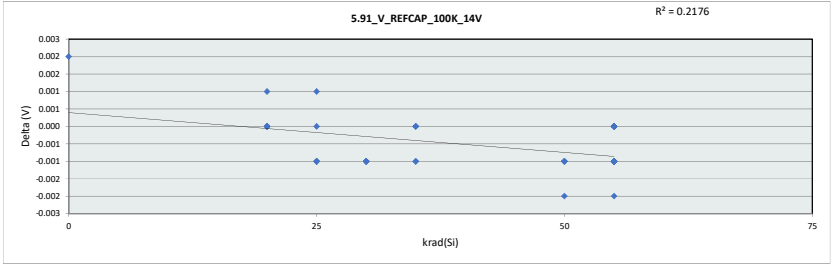
5.90_V_REFCAP_100K_12V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.229	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.229	1.226	1.225	1.225	1.226	1.225	1.225
Max	1.229	1.227	1.226	1.225	1.226	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

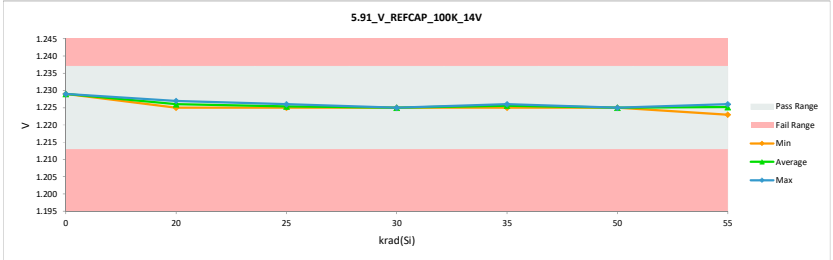
5.91_V_REFCAP_100K_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.225	1.225	0.000
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.226	1.226	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.226	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.226	1.225	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
	Max	1.227	1.229	0.002
	Average	1.226	1.225	-0.001
	Min	1.224	1.223	-0.002
	Std Dev	0.000	0.001	0.001

5.91_V_REFCAP_100K_14V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

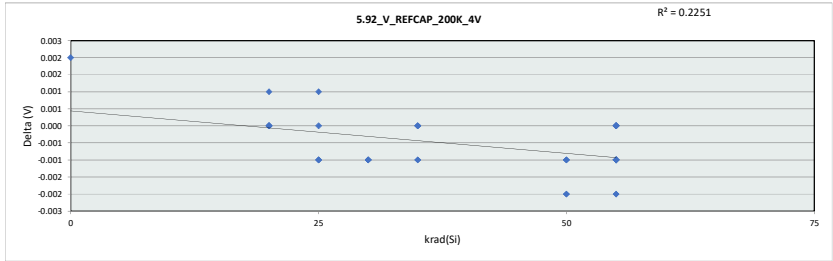
krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.229	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.229	1.226	1.225	1.225	1.226	1.225	1.225
Max	1.229	1.227	1.226	1.225	1.226	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



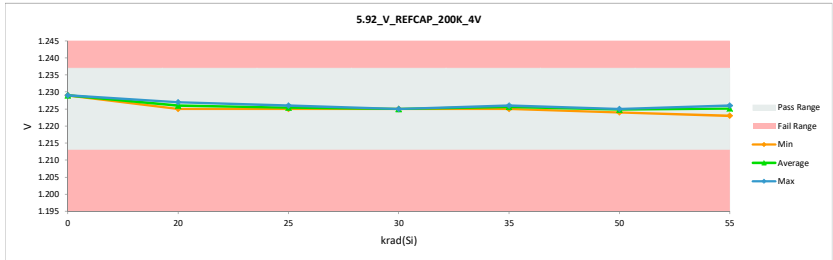
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

5.92_V_REFCAP_200K_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.225	1.225	0.000
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.226	1.226	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.226	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.224	-0.002
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.226	1.225	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.225	-0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.224	-0.002
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
	Max	1.227	1.229	0.002
	Average	1.226	1.225	-0.001
	Min	1.224	1.223	-0.002
	Std Dev	0.000	0.001	0.001

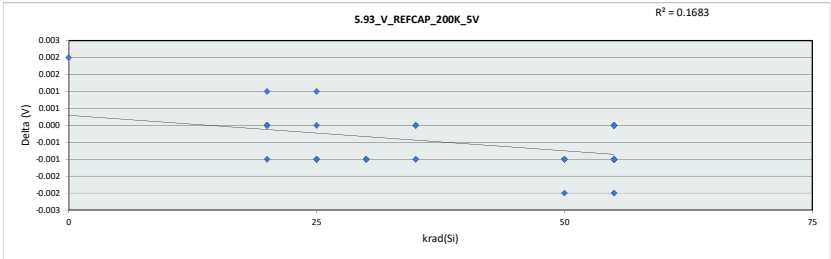


5.92_V_REFCAP_200K_4V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

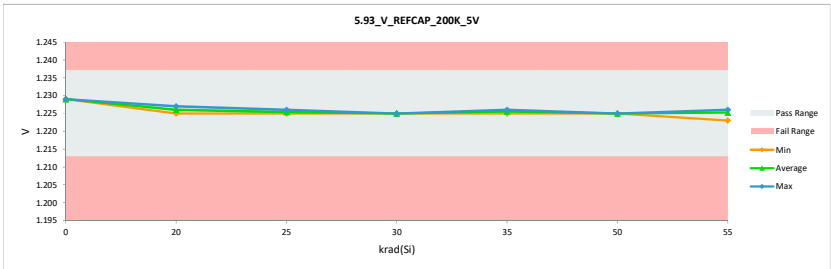
5.93_V_REFCAP_200K_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



5.93_V_REFCAP_200K_5V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.229	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.229	1.226	1.225	1.225	1.226	1.225	1.225
Max	1.229	1.227	1.226	1.225	1.226	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237

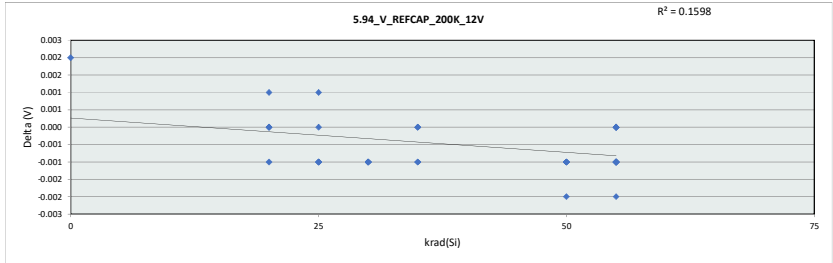
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.226	1.226	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.226	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.225	-0.002
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
Max		1.227	1.229	0.002
Average		1.226	1.225	-0.001
Min		1.224	1.223	-0.002
Std Dev		0.000	0.001	0.001



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

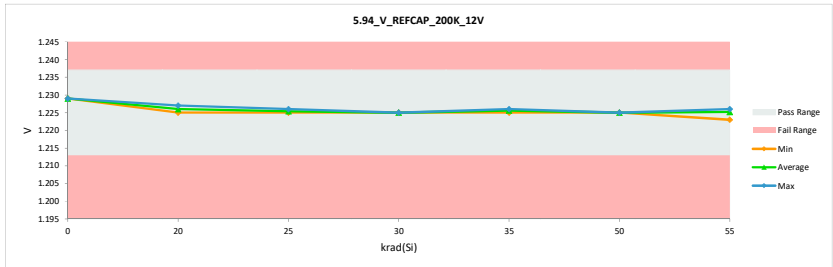
5.94_V_REFCAP_200K_12V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.226	1.226	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.226	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.226	1.225	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
	Max	1.227	1.229	0.002
	Average	1.226	1.225	-0.001
	Min	1.224	1.223	-0.002
	Std Dev	0.000	0.001	0.001



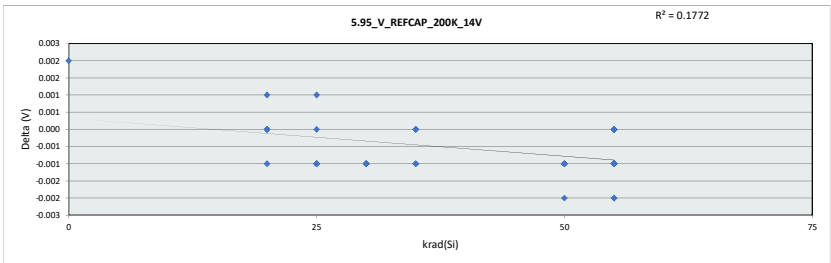
5.94_V_REFCAP_200K_12V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.229	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.229	1.226	1.225	1.225	1.226	1.225	1.225
Max	1.229	1.227	1.226	1.225	1.226	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

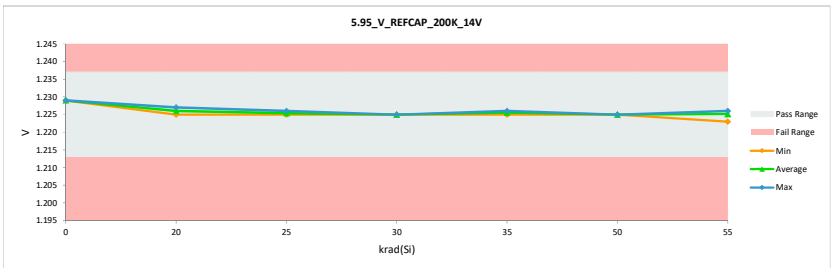
5.95_V_REFCAP_200K_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.226	1.226	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.226	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.224	-0.002
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.225	-0.002
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
	Max	1.227	1.229	0.002
	Average	1.226	1.225	-0.001
	Min	1.224	1.223	-0.002
	Std Dev	0.000	0.001	0.001

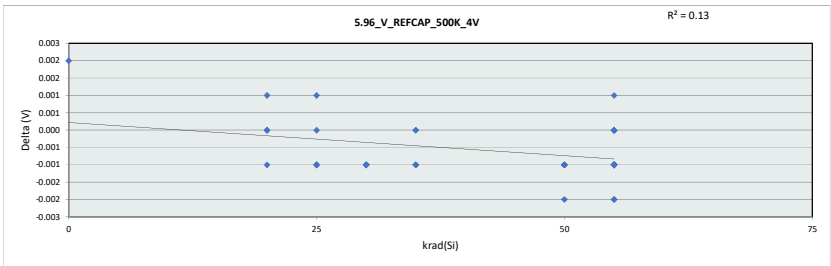
5.95_V_REFCAP_200K_14V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.229	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.229	1.226	1.225	1.225	1.226	1.225	1.225
Max	1.229	1.227	1.226	1.225	1.226	1.225	1.226
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

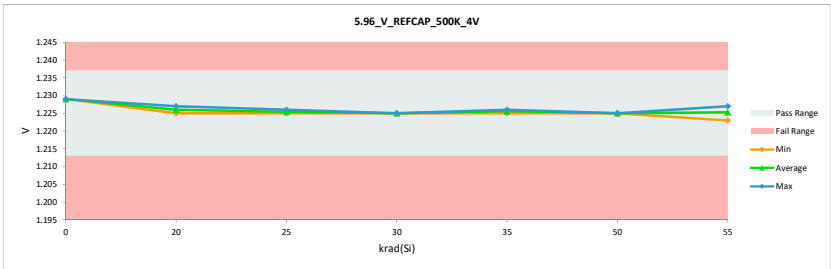
5.96_V_REFCAP_500K_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.227	1.229	0.002
25	1	1.226	1.225	-0.001
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.226	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.226	-0.001
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.226	1.226	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.227	0.001
55	28	1.226	1.226	0.000
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.225	-0.002
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.226	0.000
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
Max		1.227	1.229	0.002
Average		1.226	1.225	-0.001
Min		1.224	1.223	-0.002
Std Dev		0.000	0.001	0.001

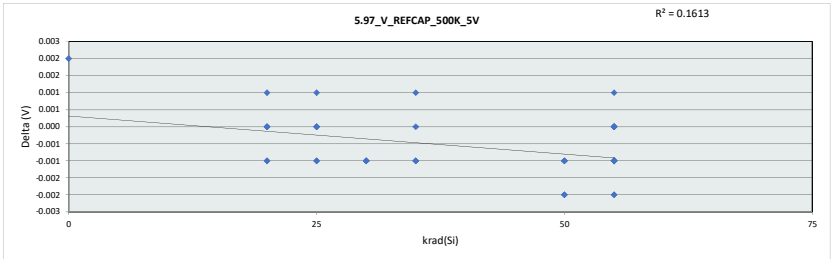
5.96_V_REFCAP_500K_4V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.229	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.229	1.226	1.225	1.225	1.226	1.225	1.225
Max	1.229	1.227	1.226	1.225	1.226	1.225	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

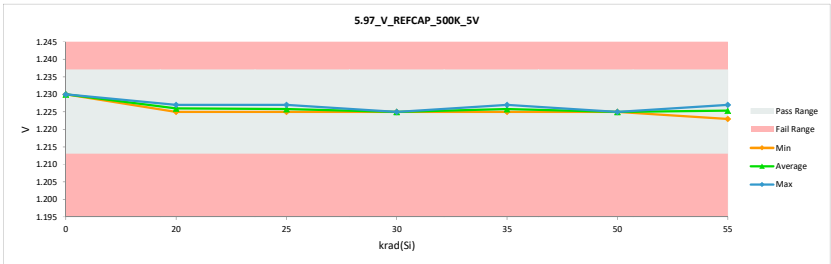
5.97_V_REFCAP_500K_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre	HDR 5008_SEP_Post	HDR	Delta
0	48	1.228	1.230		0.002
25	1	1.226	1.226		0.000
25	2	1.226	1.226		0.000
25	3	1.226	1.225		-0.001
25	4	1.226	1.227		0.001
25	5	1.226	1.225		-0.001
20	6	1.227	1.226		-0.001
20	7	1.226	1.225		-0.001
20	8	1.226	1.226		0.000
20	9	1.226	1.226		0.000
20	10	1.226	1.227		0.001
35	11	1.226	1.225		-0.001
35	12	1.226	1.227		0.001
35	13	1.226	1.226		0.000
35	14	1.226	1.225		-0.001
35	15	1.227	1.226		-0.001
30	16	1.226	1.225		-0.001
30	17	1.226	1.225		-0.001
30	18	1.226	1.225		-0.001
30	19	1.226	1.225		-0.001
30	20	1.226	1.225		-0.001
55	21	1.226	1.224		-0.002
55	22	1.227	1.226		-0.001
55	23	1.226	1.226		0.000
55	24	1.226	1.225		-0.001
55	25	1.226	1.226		0.000
55	26	1.226	1.225		-0.001
55	27	1.227	1.227		0.000
55	28	1.227	1.226		-0.001
55	29	1.226	1.225		-0.001
55	30	1.226	1.226		0.000
55	31	1.226	1.225		-0.001
55	32	1.226	1.225		-0.001
55	33	1.226	1.225		-0.001
55	34	1.227	1.225		-0.002
55	35	1.226	1.225		-0.001
55	36	1.226	1.225		-0.001
55	37	1.226	1.226		0.000
55	38	1.226	1.226		0.000
55	39	1.225	1.224		-0.001
55	40	1.226	1.225		-0.001
55	41	1.224	1.223		-0.001
55	42	1.226	1.227		0.001
50	43	1.226	1.225		-0.001
50	44	1.226	1.225		-0.001
50	45	1.227	1.225		-0.002
50	46	1.226	1.225		-0.001
50	47	1.227	1.225		-0.002
	Max	1.228	1.230		0.002
	Average	1.226	1.226		-0.001
	Min	1.224	1.223		-0.002
	Std Dev	0.001	0.001		0.001

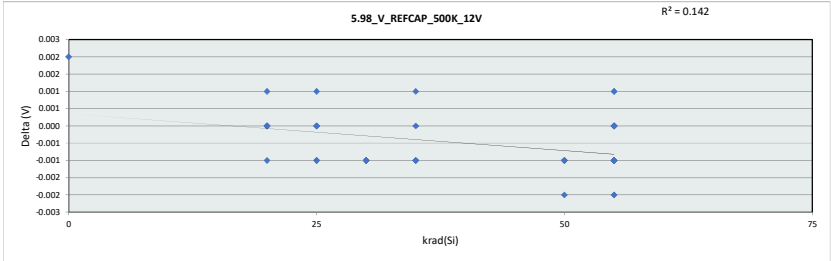
5.97_V_REFCAP_500K_5V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.230	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.230	1.226	1.226	1.225	1.226	1.225	1.225
Max	1.230	1.227	1.227	1.225	1.227	1.225	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

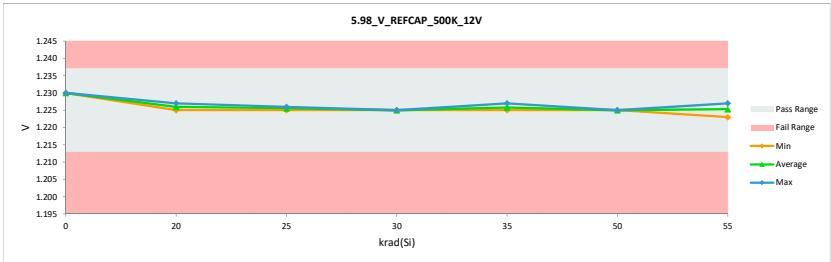
5.98_V_REFCAP_500K_12V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.228	1.230	0.002
25	1	1.226	1.226	0.000
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.227	0.001
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.226	-0.001
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.226	-0.001
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.226	1.227	0.001
55	28	1.226	1.226	0.000
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.225	-0.002
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
Max		1.228	1.230	0.002
Average		1.226	1.225	-0.001
Min		1.224	1.223	-0.002
Std Dev		0.001	0.001	0.001

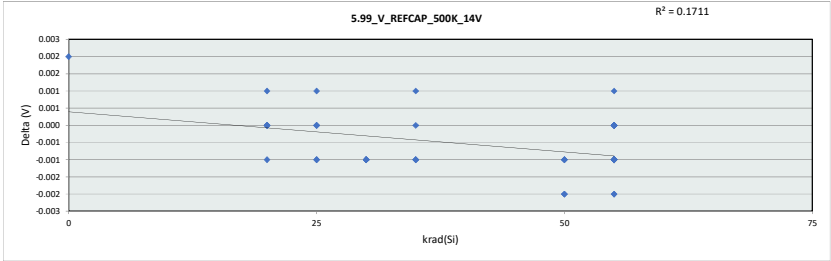
5.98_V_REFCAP_500K_12V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.230	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.230	1.226	1.226	1.225	1.226	1.225	1.225
Max	1.230	1.227	1.226	1.225	1.227	1.225	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

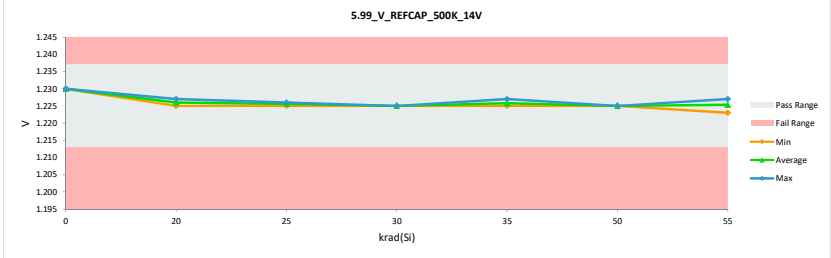
5.99_V_REFCAP_500K_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.228	1.230	0.002
25	1	1.226	1.226	0.000
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.226	0.000
25	5	1.226	1.225	-0.001
20	6	1.226	1.226	0.000
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.227	0.001
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.226	-0.001
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.226	-0.001
55	23	1.226	1.226	0.000
55	24	1.226	1.225	-0.001
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.227	1.227	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.225	-0.002
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.225	-0.001
50	47	1.227	1.225	-0.002
	Max	1.228	1.230	0.002
	Average	1.226	1.225	-0.001
	Min	1.224	1.223	-0.002
	Std Dev	0.001	0.001	0.001

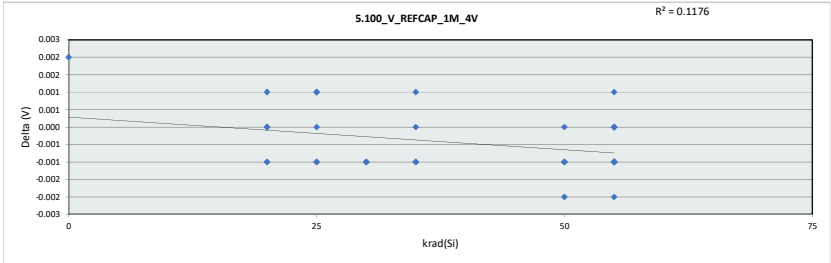
5.99_V_REFCAP_500K_14V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.230	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.230	1.226	1.226	1.225	1.226	1.225	1.225
Max	1.230	1.227	1.226	1.225	1.227	1.225	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

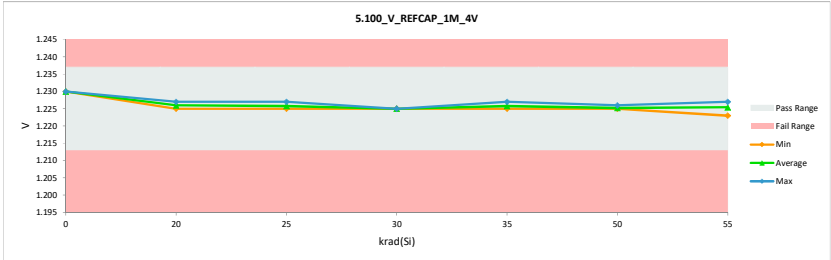
5.100_V_REFCAP_1M_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.228	1.230	0.002
25	1	1.226	1.226	0.000
25	2	1.225	1.226	0.001
25	3	1.226	1.225	-0.001
25	4	1.226	1.227	0.001
25	5	1.226	1.225	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.225	-0.001
20	8	1.226	1.226	0.000
20	9	1.226	1.226	0.000
20	10	1.226	1.227	0.001
35	11	1.226	1.225	-0.001
35	12	1.226	1.227	0.001
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.226	-0.001
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.226	-0.001
55	23	1.226	1.226	0.000
55	24	1.226	1.226	0.000
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.227	1.227	0.000
55	28	1.226	1.226	0.000
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.226	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.226	1.225	-0.001
50	46	1.226	1.226	0.000
50	47	1.227	1.225	-0.002
Max		1.228	1.230	0.002
Average		1.226	1.226	0.000
Min		1.224	1.223	-0.002
Std Dev		0.001	0.001	0.001

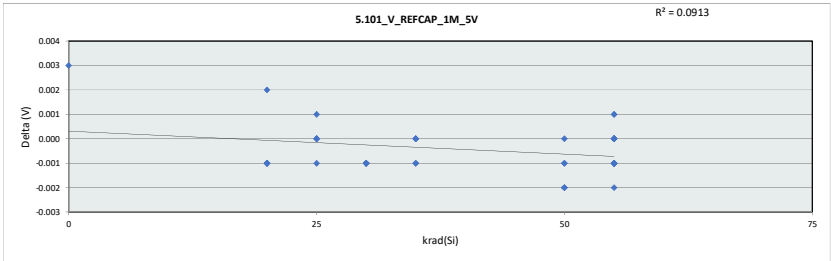
5.100_V_REFCAP_1M_4V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.230	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.230	1.226	1.226	1.225	1.226	1.225	1.225
Max	1.230	1.227	1.227	1.225	1.227	1.226	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

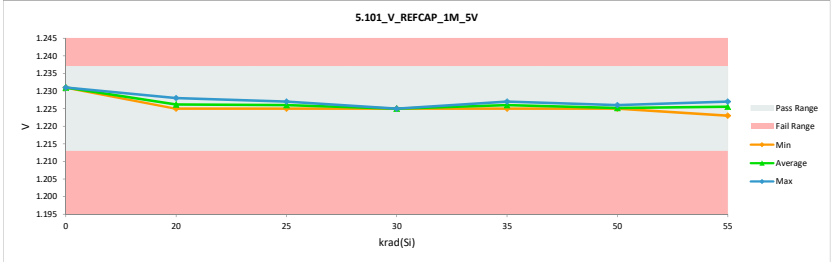
5.101_V_REFCAP_1M_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.228	1.231	0.003
25	1	1.226	1.226	0.000
25	2	1.226	1.226	0.000
25	3	1.226	1.226	0.000
25	4	1.226	1.227	0.001
25	5	1.226	1.225	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.225	-0.001
20	8	1.227	1.226	-0.001
20	9	1.227	1.226	-0.001
20	10	1.226	1.228	0.002
35	11	1.226	1.225	-0.001
35	12	1.227	1.227	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.227	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.226	0.000
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.227	1.227	0.000
55	28	1.227	1.226	-0.001
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.226	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.227	0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.225	0.000
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.226	0.000
50	47	1.227	1.225	-0.002
	Max	1.228	1.231	0.003
	Average	1.226	1.226	0.000
	Min	1.224	1.223	-0.002
	Std Dev	0.001	0.001	0.001

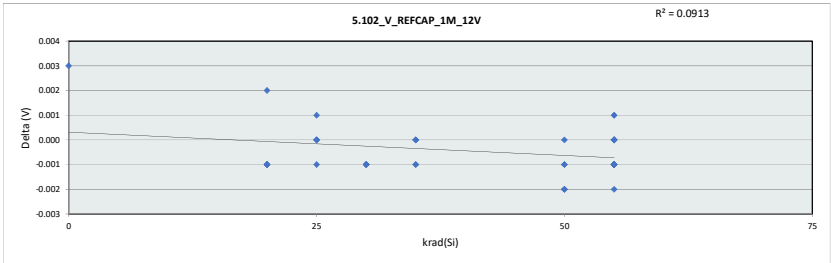
5.101_V_REFCAP_1M_5V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.231	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.231	1.226	1.226	1.225	1.226	1.225	1.226
Max	1.231	1.228	1.227	1.225	1.227	1.226	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

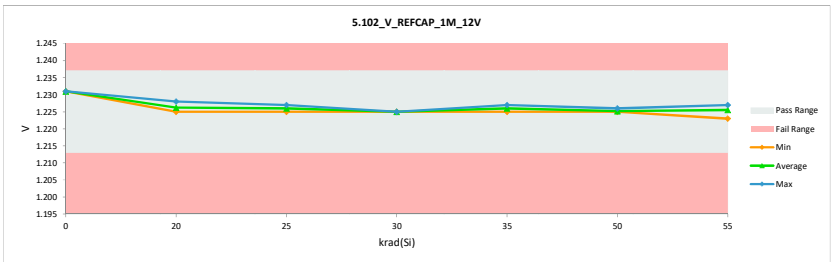
5.102_V_REFCAP_1M_12V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.228	1.231	0.003
25	1	1.226	1.226	0.000
25	2	1.226	1.226	0.000
25	3	1.226	1.226	0.000
25	4	1.226	1.227	0.001
25	5	1.226	1.225	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.225	-0.001
20	8	1.227	1.226	-0.001
20	9	1.227	1.226	-0.001
20	10	1.226	1.228	0.002
35	11	1.226	1.225	-0.001
35	12	1.227	1.227	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.227	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.226	0.000
55	25	1.226	1.226	0.000
55	26	1.226	1.226	0.000
55	27	1.227	1.227	0.000
55	28	1.227	1.226	-0.001
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.226	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.227	0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.226	0.000
50	47	1.227	1.225	-0.002
Max		1.228	1.231	0.003
Average		1.226	1.226	0.000
Min		1.224	1.223	-0.002
Std Dev		0.001	0.001	0.001

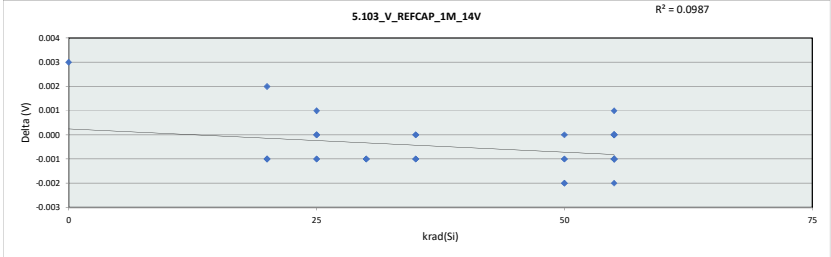
5.102_V_REFCAP_1M_12V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.231	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.231	1.226	1.226	1.225	1.226	1.225	1.226
Max	1.231	1.228	1.227	1.225	1.227	1.226	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

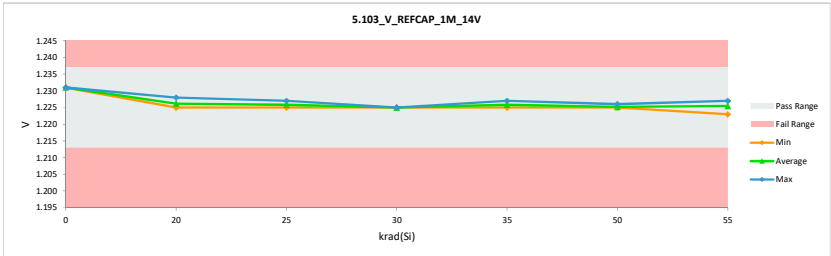
5.103_V_REFCAP_1M_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.228	1.231	0.003
25	1	1.226	1.226	0.000
25	2	1.226	1.226	0.000
25	3	1.226	1.225	-0.001
25	4	1.226	1.227	0.001
25	5	1.226	1.225	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.225	-0.001
20	8	1.227	1.226	-0.001
20	9	1.227	1.226	-0.001
20	10	1.226	1.228	0.002
35	11	1.226	1.225	-0.001
35	12	1.227	1.227	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.226	-0.001
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.226	0.000
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.227	1.227	0.000
55	28	1.227	1.226	-0.001
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.226	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.226	0.000
50	47	1.227	1.225	-0.002
Max		1.228	1.231	0.003
Average		1.226	1.226	-0.001
Min		1.224	1.223	-0.002
Std Dev		0.001	0.001	0.001

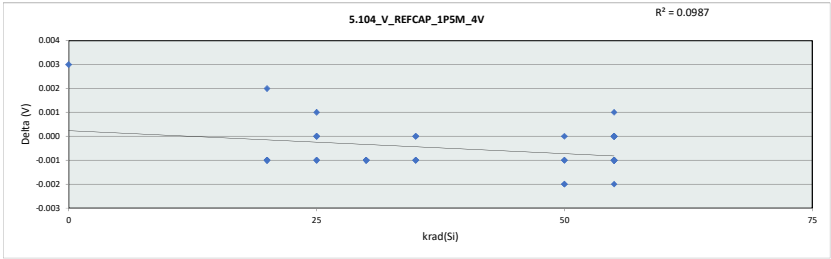
5.103_V_REFCAP_1M_14V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.231	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.231	1.226	1.226	1.225	1.226	1.225	1.225
Max	1.231	1.228	1.227	1.225	1.227	1.226	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

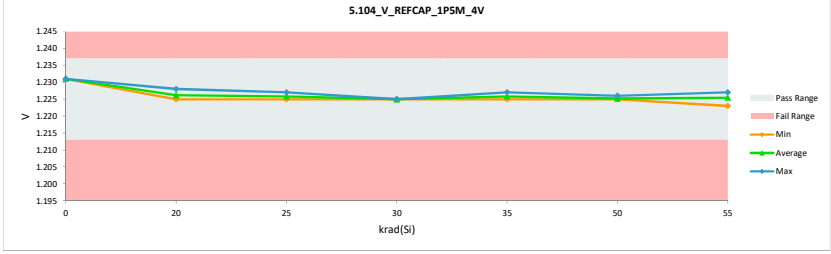
5.104_V_REFCAP_1P5M_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.228	1.231	0.003
25	1	1.226	1.226	0.000
25	2	1.226	1.226	0.000
25	3	1.226	1.225	-0.001
25	4	1.226	1.227	0.001
25	5	1.226	1.225	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.225	-0.001
20	8	1.227	1.226	-0.001
20	9	1.227	1.226	-0.001
20	10	1.226	1.228	0.002
35	11	1.226	1.225	-0.001
35	12	1.227	1.227	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.226	-0.001
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.225	-0.001
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.226	1.226	0.000
55	24	1.226	1.226	0.000
55	25	1.226	1.226	0.000
55	26	1.226	1.225	-0.001
55	27	1.227	1.227	0.000
55	28	1.227	1.226	-0.001
55	29	1.226	1.225	-0.001
55	30	1.226	1.226	0.000
55	31	1.226	1.225	-0.001
55	32	1.226	1.225	-0.001
55	33	1.226	1.225	-0.001
55	34	1.227	1.226	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.226	0.000
55	38	1.226	1.226	0.000
55	39	1.225	1.224	-0.001
55	40	1.226	1.225	-0.001
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.226	0.000
50	47	1.227	1.225	-0.002
	Max	1.228	1.231	0.003
	Average	1.226	1.226	-0.001
	Min	1.224	1.223	-0.002
	Std Dev	0.001	0.001	0.001

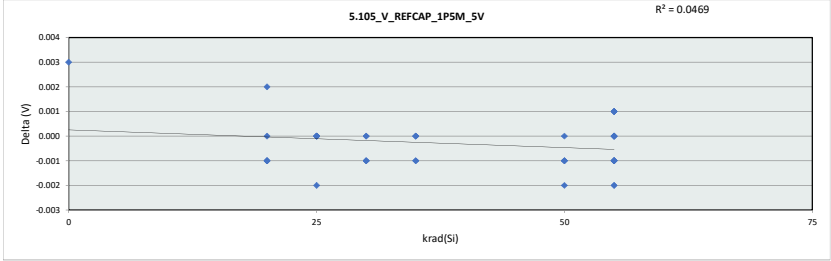
5.104_V_REFCAP_1P5M_4V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.231	1.225	1.225	1.225	1.225	1.225	1.223
Average	1.231	1.226	1.226	1.225	1.226	1.225	1.225
Max	1.231	1.228	1.227	1.225	1.227	1.226	1.227
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

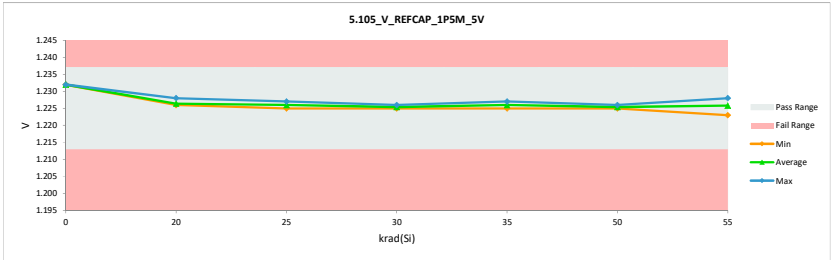
5.105_V_REFCAP_1P5M_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.229	1.232	0.003
25	1	1.226	1.226	0.000
25	2	1.226	1.226	0.000
25	3	1.226	1.226	0.000
25	4	1.227	1.227	0.000
25	5	1.227	1.225	-0.002
20	6	1.227	1.226	-0.001
20	7	1.226	1.226	0.000
20	8	1.227	1.226	-0.001
20	9	1.227	1.226	-0.001
20	10	1.226	1.228	0.002
35	11	1.226	1.225	-0.001
35	12	1.227	1.227	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.227	0.000
30	16	1.226	1.226	0.000
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.226	0.000
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.226	1.227	0.001
55	24	1.226	1.226	0.000
55	25	1.227	1.226	-0.001
55	26	1.226	1.226	0.000
55	27	1.227	1.228	0.001
55	28	1.227	1.226	-0.001
55	29	1.226	1.225	-0.001
55	30	1.226	1.227	0.001
55	31	1.226	1.225	-0.001
55	32	1.227	1.225	-0.002
55	33	1.226	1.226	0.000
55	34	1.227	1.226	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.227	0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.225	0.000
55	40	1.226	1.226	0.000
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.226	0.000
50	47	1.227	1.226	-0.001
Max		1.229	1.232	0.003
Average		1.226	1.226	0.000
Min		1.224	1.223	-0.002
Std Dev		0.001	0.001	0.001

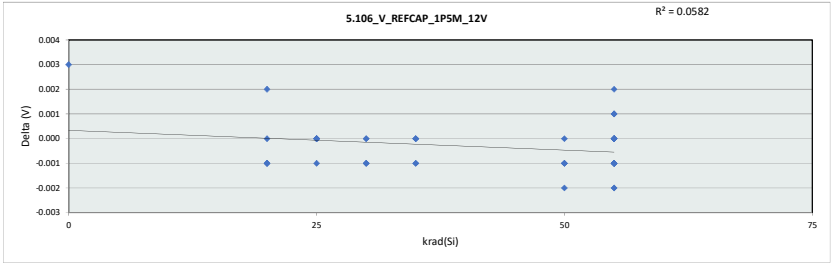
5.105_V_REFCAP_1P5M_5V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.232	1.226	1.225	1.225	1.225	1.225	1.223
Average	1.232	1.226	1.226	1.225	1.226	1.225	1.226
Max	1.232	1.228	1.227	1.226	1.227	1.226	1.228
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

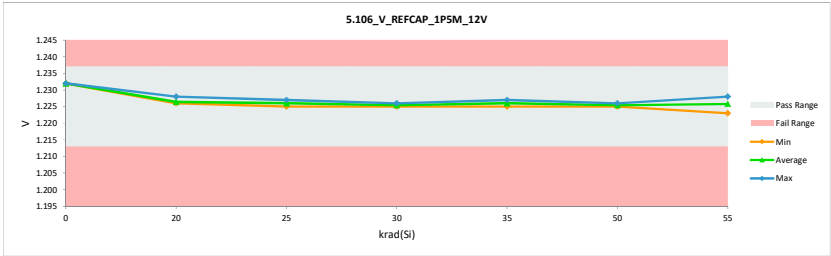
5.106_V_REFCAP_1P5M_12V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.229	1.232	0.003
25	1	1.226	1.226	0.000
25	2	1.226	1.226	0.000
25	3	1.226	1.226	0.000
25	4	1.227	1.227	0.000
25	5	1.226	1.225	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.226	0.000
20	8	1.227	1.226	-0.001
20	9	1.227	1.226	-0.001
20	10	1.226	1.228	0.002
35	11	1.226	1.225	-0.001
35	12	1.227	1.227	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.227	0.000
30	16	1.226	1.226	0.000
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.226	0.000
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.226	1.227	0.001
55	24	1.226	1.226	0.000
55	25	1.227	1.226	-0.001
55	26	1.226	1.226	0.000
55	27	1.227	1.227	0.000
55	28	1.227	1.226	-0.001
55	29	1.226	1.225	-0.001
55	30	1.226	1.227	0.001
55	31	1.226	1.225	-0.001
55	32	1.227	1.225	-0.002
55	33	1.226	1.226	0.000
55	34	1.227	1.226	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.227	0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.225	0.000
55	40	1.226	1.226	0.000
55	41	1.224	1.223	-0.001
55	42	1.226	1.228	0.002
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.226	0.000
50	47	1.227	1.226	-0.001
	Max	1.229	1.232	0.003
	Average	1.226	1.226	0.000
	Min	1.224	1.223	-0.002
	Std Dev	0.001	0.001	0.001

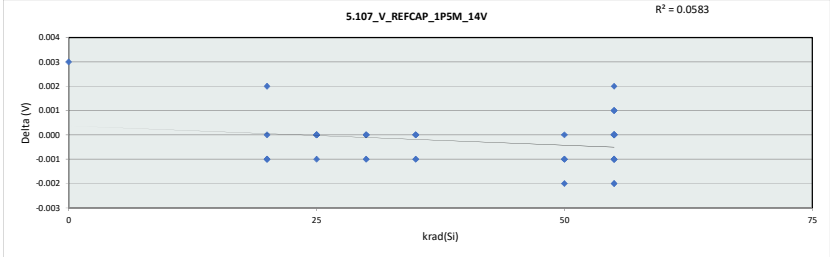
5.106_V_REFCAP_1P5M_12V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.232	1.226	1.225	1.225	1.225	1.225	1.223
Average	1.232	1.226	1.226	1.225	1.226	1.225	1.226
Max	1.232	1.228	1.227	1.226	1.227	1.226	1.228
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

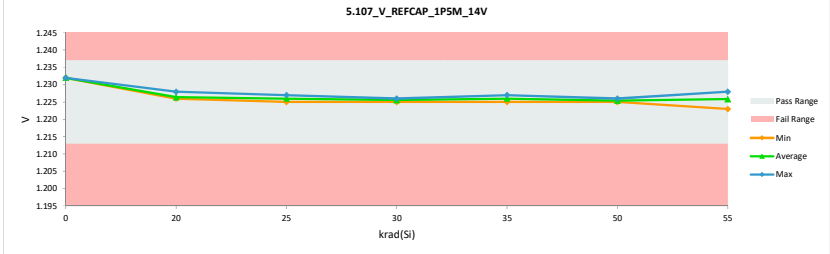
5.107_V_REFCAP_1P5M_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.229	1.232	0.003
25	1	1.226	1.226	0.000
25	2	1.226	1.226	0.000
25	3	1.226	1.226	0.000
25	4	1.227	1.227	0.000
25	5	1.226	1.225	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.226	0.000
20	8	1.227	1.226	-0.001
20	9	1.227	1.226	-0.001
20	10	1.226	1.228	0.002
35	11	1.226	1.225	-0.001
35	12	1.227	1.227	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.227	0.000
30	16	1.226	1.226	0.000
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.226	0.000
30	20	1.226	1.226	0.000
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.226	1.227	0.001
55	24	1.226	1.226	0.000
55	25	1.227	1.226	-0.001
55	26	1.226	1.226	0.000
55	27	1.227	1.227	0.000
55	28	1.227	1.226	-0.001
55	29	1.226	1.225	-0.001
55	30	1.226	1.227	0.001
55	31	1.226	1.225	-0.001
55	32	1.227	1.225	-0.002
55	33	1.226	1.226	0.000
55	34	1.227	1.226	-0.001
55	35	1.226	1.226	0.000
55	36	1.226	1.225	-0.001
55	37	1.226	1.227	0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.225	0.000
55	40	1.226	1.226	0.000
55	41	1.224	1.223	-0.001
55	42	1.226	1.228	0.002
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.226	0.000
50	47	1.227	1.226	-0.001
	Max	1.229	1.232	0.003
	Average	1.226	1.226	0.000
	Min	1.224	1.223	-0.002
	Std Dev	0.001	0.001	0.001

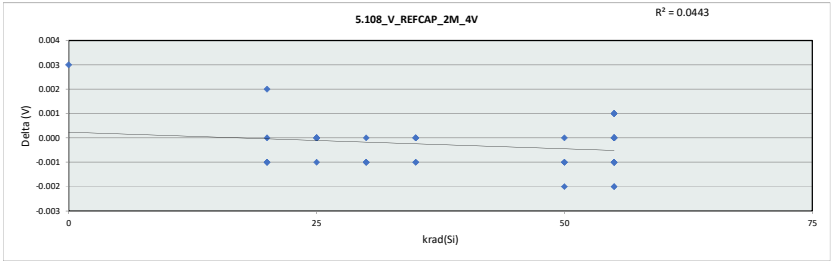
5.107_V_REFCAP_1P5M_14V	
Test Site	
Tester	
Test Number	
Max Limit	1.237
Min Limit	1.213

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.232	1.226	1.225	1.225	1.225	1.225	1.223
Average	1.232	1.226	1.226	1.226	1.226	1.225	1.226
Max	1.232	1.228	1.227	1.226	1.227	1.226	1.228
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

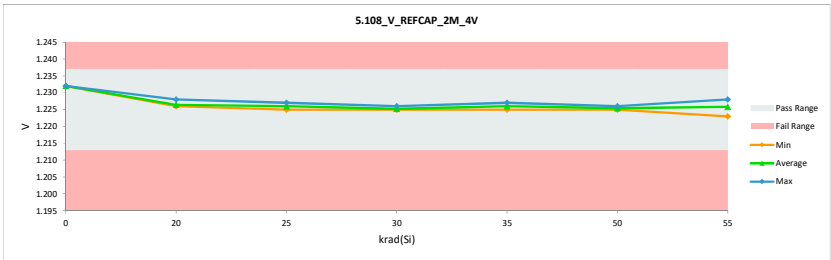
5.108_V_REFCAP_2M_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.229	1.232	0.003
25	1	1.226	1.226	0.000
25	2	1.226	1.226	0.000
25	3	1.226	1.226	0.000
25	4	1.227	1.227	0.000
25	5	1.226	1.225	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.226	0.000
20	8	1.227	1.226	-0.001
20	9	1.227	1.226	-0.001
20	10	1.226	1.228	0.002
35	11	1.226	1.225	-0.001
35	12	1.227	1.227	0.000
35	13	1.226	1.226	0.000
35	14	1.226	1.225	-0.001
35	15	1.227	1.227	0.000
30	16	1.226	1.225	-0.001
30	17	1.226	1.225	-0.001
30	18	1.226	1.225	-0.001
30	19	1.226	1.226	0.000
30	20	1.226	1.225	-0.001
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.226	1.227	0.001
55	24	1.226	1.226	0.000
55	25	1.226	1.226	0.000
55	26	1.226	1.226	0.000
55	27	1.227	1.228	0.001
55	28	1.227	1.226	-0.001
55	29	1.226	1.225	-0.001
55	30	1.226	1.227	0.001
55	31	1.226	1.225	-0.001
55	32	1.227	1.225	-0.002
55	33	1.226	1.226	0.000
55	34	1.227	1.226	-0.001
55	35	1.226	1.225	-0.001
55	36	1.226	1.225	-0.001
55	37	1.226	1.227	0.001
55	38	1.226	1.226	0.000
55	39	1.225	1.225	0.000
55	40	1.226	1.226	0.000
55	41	1.224	1.223	-0.001
55	42	1.226	1.227	0.001
50	43	1.226	1.225	-0.001
50	44	1.226	1.225	-0.001
50	45	1.227	1.225	-0.002
50	46	1.226	1.226	0.000
50	47	1.227	1.226	-0.001
Max		1.229	1.232	0.003
Average		1.226	1.226	0.000
Min		1.224	1.223	-0.002
Std Dev		0.001	0.001	0.001

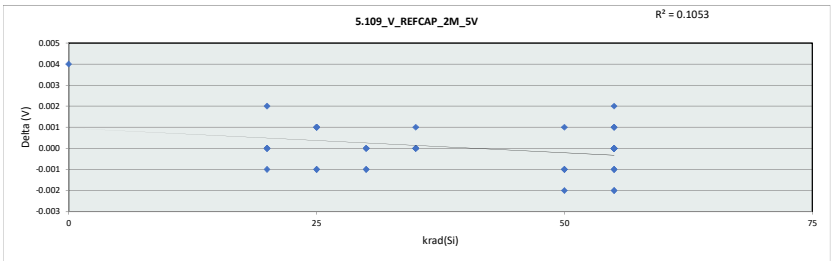
5.108_V_REFCAP_2M_4V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.232	1.226	1.225	1.225	1.225	1.225	1.223
Average	1.232	1.226	1.226	1.225	1.226	1.225	1.226
Max	1.232	1.228	1.227	1.226	1.227	1.226	1.228
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

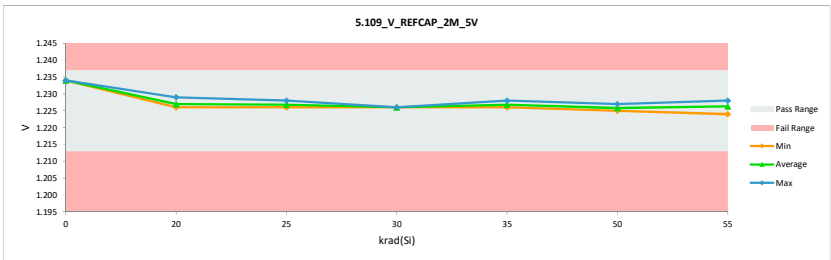
5.109_V_REFCAP_2M_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre	HDR	5008_SEP_Post	HDR	Delta
0	48	1.230		1.234		0.004
25	1	1.226		1.227		0.001
25	2	1.226		1.227		0.001
25	3	1.227		1.226		-0.001
25	4	1.227		1.228		0.001
25	5	1.227		1.226		-0.001
20	6	1.227		1.226		-0.001
20	7	1.226		1.226		0.000
20	8	1.227		1.227		0.000
20	9	1.227		1.227		0.000
20	10	1.227		1.229		0.002
35	11	1.226		1.226		0.000
35	12	1.227		1.228		0.001
35	13	1.227		1.227		0.000
35	14	1.226		1.226		0.000
35	15	1.227		1.227		0.000
30	16	1.227		1.226		-0.001
30	17	1.226		1.226		0.000
30	18	1.226		1.226		0.000
30	19	1.227		1.226		-0.001
30	20	1.226		1.226		0.000
55	21	1.226		1.224		-0.002
55	22	1.227		1.227		0.000
55	23	1.227		1.227		0.000
55	24	1.226		1.227		0.001
55	25	1.227		1.227		0.000
55	26	1.226		1.226		0.000
55	27	1.227		1.228		0.001
55	28	1.227		1.227		0.000
55	29	1.227		1.225		-0.002
55	30	1.227		1.227		0.000
55	31	1.226		1.226		0.000
55	32	1.227		1.226		-0.001
55	33	1.226		1.226		0.000
55	34	1.227		1.226		-0.001
55	35	1.227		1.226		-0.001
55	36	1.226		1.226		0.000
55	37	1.226		1.228		0.002
55	38	1.227		1.227		0.000
55	39	1.225		1.225		0.000
55	40	1.226		1.226		0.000
55	41	1.224		1.224		0.000
55	42	1.227		1.228		0.001
50	43	1.227		1.225		-0.002
50	44	1.226		1.225		-0.001
50	45	1.227		1.226		-0.001
50	46	1.226		1.227		0.001
50	47	1.227		1.226		-0.001
	Max	1.230		1.234		0.004
	Average	1.227		1.227		0.000
	Min	1.224		1.224		-0.002
	Std Dev	0.001		0.001		0.001

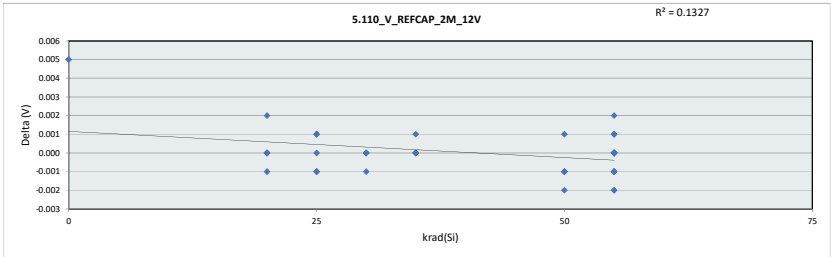
5.109_V_REFCAP_2M_5V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.234	1.226	1.226	1.226	1.226	1.225	1.224
Average	1.234	1.227	1.227	1.226	1.226	1.226	1.226
Max	1.234	1.229	1.228	1.226	1.228	1.227	1.228
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



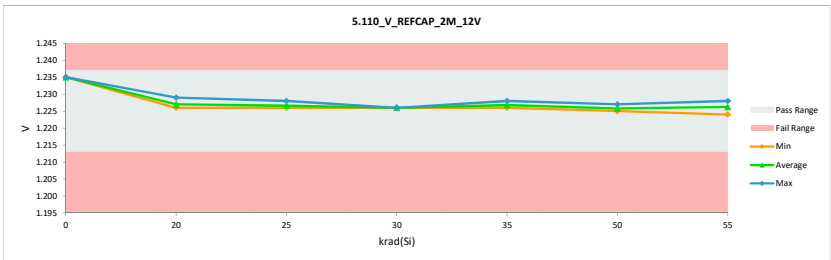
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

S.110_V_REFCAP_2M_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.237	1.237
Min Limit	1.213	1.213



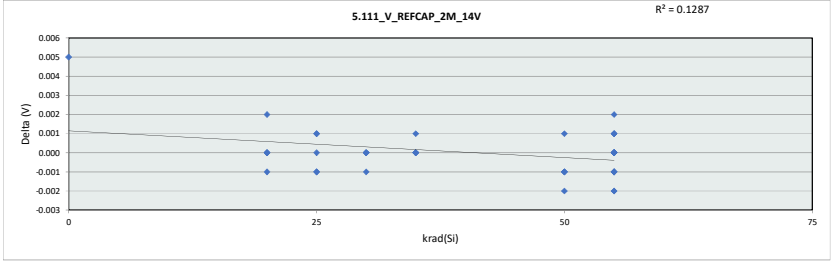
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.230	1.235	0.005
25	1	1.226	1.226	0.000
25	2	1.226	1.227	0.001
25	3	1.227	1.226	-0.001
25	4	1.227	1.228	0.001
25	5	1.227	1.226	-0.001
20	6	1.227	1.226	-0.001
20	7	1.226	1.226	0.000
20	8	1.227	1.227	0.000
20	9	1.227	1.227	0.000
20	10	1.227	1.229	0.002
35	11	1.226	1.226	0.000
35	12	1.227	1.228	0.001
35	13	1.227	1.227	0.000
35	14	1.226	1.226	0.000
35	15	1.227	1.227	0.000
30	16	1.226	1.226	0.000
30	17	1.226	1.226	0.000
30	18	1.226	1.226	0.000
30	19	1.227	1.226	-0.001
30	20	1.226	1.226	0.000
55	21	1.226	1.224	-0.002
55	22	1.227	1.227	0.000
55	23	1.227	1.227	0.000
55	24	1.226	1.227	0.001
55	25	1.227	1.226	-0.001
55	26	1.226	1.226	0.000
55	27	1.227	1.228	0.001
55	28	1.227	1.227	0.000
55	29	1.227	1.225	-0.002
55	30	1.227	1.227	0.000
55	31	1.226	1.226	0.000
55	32	1.227	1.226	-0.001
55	33	1.226	1.226	0.000
55	34	1.227	1.226	-0.001
55	35	1.227	1.226	-0.001
55	36	1.226	1.226	0.000
55	37	1.226	1.228	0.002
55	38	1.227	1.227	0.000
55	39	1.225	1.225	0.000
55	40	1.226	1.226	0.000
55	41	1.224	1.224	0.000
55	42	1.227	1.228	0.001
50	43	1.227	1.225	-0.002
50	44	1.226	1.225	-0.001
50	45	1.227	1.226	-0.001
50	46	1.226	1.227	0.001
50	47	1.227	1.226	-0.001
	Max	1.230	1.235	0.005
	Average	1.227	1.227	0.000
	Min	1.224	1.224	-0.002
	Std Dev	0.001	0.002	0.001

S.110_V_REFCAP_2M_12V							
Test Site							
Tester							
Test Number							
Max Limit	V						
Min Limit	V						
krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.235	1.226	1.226	1.226	1.226	1.225	1.224
Average	1.235	1.227	1.227	1.226	1.227	1.226	1.226
Max	1.235	1.229	1.228	1.226	1.228	1.227	1.228
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

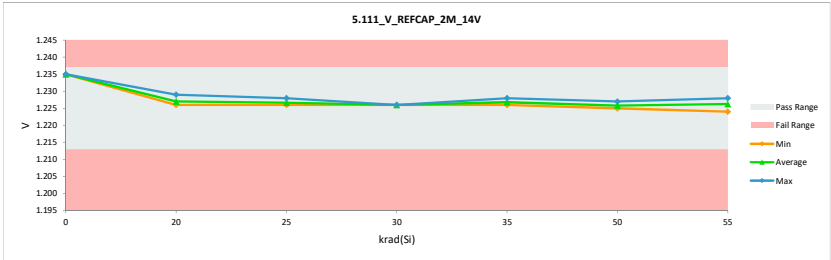
5.111_V_REFCAP_2M_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.237
Min Limit	1.213



krad(Si)	Serial #	5008_SEP_Pre	HDR	5008_SEP_Post	HDR	Delta
0	48	1.230		1.235		0.005
25	1	1.226		1.226		0.000
25	2	1.226		1.227		0.001
25	3	1.227		1.226		-0.001
25	4	1.227		1.228		0.001
25	5	1.227		1.226		-0.001
20	6	1.227		1.226		-0.001
20	7	1.226		1.226		0.000
20	8	1.227		1.227		0.000
20	9	1.227		1.227		0.000
20	10	1.227		1.229		0.002
35	11	1.226		1.226		0.000
35	12	1.227		1.228		0.001
35	13	1.227		1.227		0.000
35	14	1.226		1.226		0.000
35	15	1.227		1.227		0.000
30	16	1.226		1.226		0.000
30	17	1.226		1.226		0.000
30	18	1.226		1.226		0.000
30	19	1.227		1.226		-0.001
30	20	1.226		1.226		0.000
55	21	1.226		1.224		-0.002
55	22	1.227		1.227		0.000
55	23	1.227		1.227		0.000
55	24	1.226		1.227		0.001
55	25	1.227		1.226		-0.001
55	26	1.226		1.226		0.000
55	27	1.227		1.228		0.001
55	28	1.227		1.226		-0.001
55	29	1.227		1.225		-0.002
55	30	1.226		1.227		0.001
55	31	1.226		1.226		0.000
55	32	1.227		1.226		-0.001
55	33	1.226		1.226		0.000
55	34	1.227		1.226		-0.001
55	35	1.227		1.226		-0.001
55	36	1.226		1.226		0.000
55	37	1.226		1.228		0.002
55	38	1.227		1.227		0.000
55	39	1.225		1.225		0.000
55	40	1.226		1.226		0.000
55	41	1.224		1.224		0.000
55	42	1.227		1.228		0.001
50	43	1.227		1.225		-0.002
50	44	1.226		1.225		-0.001
50	45	1.227		1.226		-0.001
50	46	1.226		1.227		0.001
50	47	1.227		1.226		-0.001
	Max	1.230		1.235		0.005
	Average	1.227		1.227		0.000
	Min	1.224		1.224		-0.002
	Std Dev	0.001		0.002		0.001

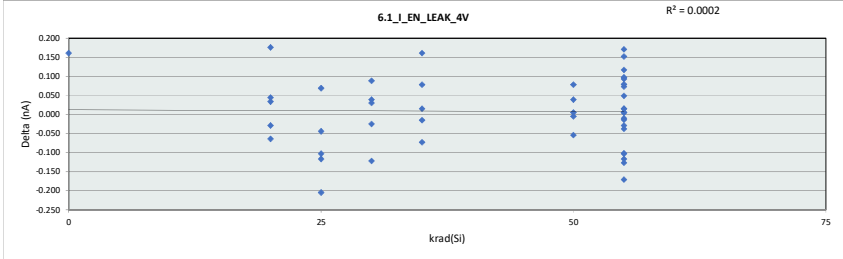
5.111_V_REFCAP_2M_14V	
Test Site	
Tester	
Test Number	
Max Limit	V
Min Limit	V

krad(Si)	0	20	25	30	35	50	55
LL	1.213	1.213	1.213	1.213	1.213	1.213	1.213
Min	1.235	1.226	1.226	1.226	1.226	1.225	1.224
Average	1.235	1.227	1.227	1.226	1.227	1.226	1.226
Max	1.235	1.229	1.228	1.226	1.228	1.227	1.228
UL	1.237	1.237	1.237	1.237	1.237	1.237	1.237



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

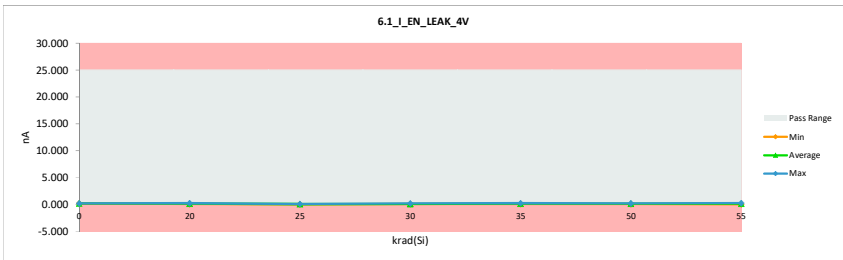
6.1_I_EN_LEAK_4V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	5
Min Limit	-0.1



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.032	0.193	0.161
25	1	0.178	0.061	-0.117
25	2	0.256	0.051	-0.205
25	3	0.115	0.012	-0.103
25	4	0.002	0.071	0.069
25	5	0.061	0.017	-0.044
20	6	0.115	0.051	-0.064
20	7	0.027	0.203	0.176
20	8	0.129	0.173	0.044
20	9	0.105	0.139	0.034
20	10	0.149	0.120	-0.029
35	11	0.129	0.056	-0.073
35	12	0.002	0.163	0.161
35	13	0.012	0.090	0.078
35	14	0.178	0.163	-0.015
35	15	0.197	0.212	0.015
30	16	0.090	0.178	0.088
30	17	0.076	0.051	-0.025
30	18	0.046	0.076	0.030
30	19	0.173	0.051	-0.122
30	20	0.056	0.095	0.039
55	21	0.017	0.188	0.171
55	22	0.217	0.207	-0.010
55	23	0.007	0.159	0.152
55	24	0.129	0.027	-0.102
55	25	0.173	0.056	-0.117
55	26	0.149	0.154	0.005
55	27	0.105	0.120	0.015
55	28	0.158	0.237	0.079
55	29	0.202	0.188	-0.014
55	30	0.134	0.139	0.005
55	31	0.193	0.090	-0.103
55	32	0.178	0.051	-0.127
55	33	0.144	0.217	0.073
55	34	0.110	0.207	0.097
55	35	0.119	0.081	-0.038
55	36	0.129	0.100	-0.029
55	37	0.012	0.105	0.093
55	38	0.032	0.129	0.097
55	39	0.144	0.193	0.049
55	40	0.007	0.124	0.117
55	41	0.095	0.110	0.015
55	42	0.222	0.051	-0.171
50	43	0.154	0.100	-0.054
50	44	0.061	0.056	-0.005
50	45	0.149	0.188	0.039
50	46	0.173	0.178	0.005
50	47	0.066	0.144	0.078
	Max	0.256	0.237	0.176
	Average	0.113	0.121	0.009
	Min	0.002	0.012	-0.205
	Std Dev	0.067	0.062	0.092

6.1_I_EN_LEAK_4V	
Test Site	
Tester	
Test Number	
Max Limit	25
Min Limit	-0.1

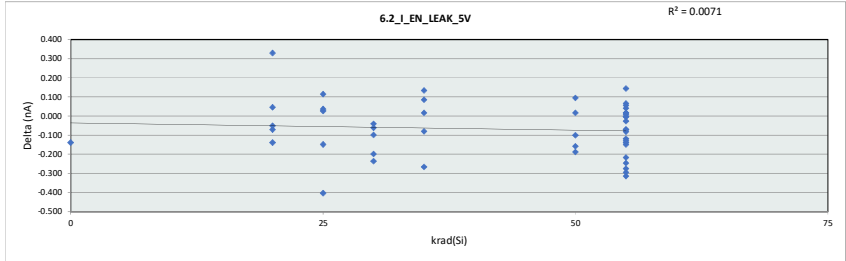
krad(Si)	0	20	25	30	35	50	55
LL	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Min	0.193	0.051	0.012	0.051	0.056	0.056	0.027
Average	0.193	0.137	0.042	0.090	0.137	0.133	0.133
Max	0.193	0.203	0.071	0.178	0.212	0.188	0.237
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

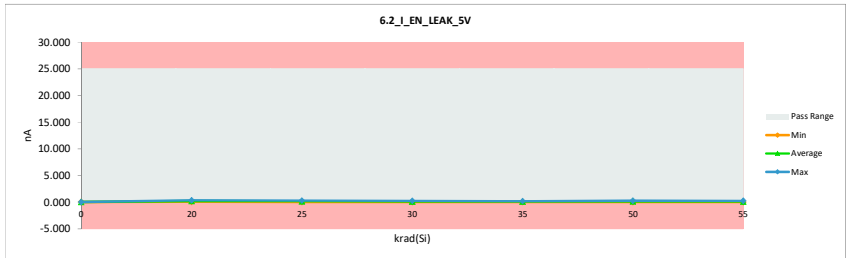
6.2_I_EN_LEAK_5V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	5
Min Limit	-0.1

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.163	0.024	-0.139
25	1	0.163	0.278	0.115
25	2	0.144	0.181	0.037
25	3	0.427	0.024	-0.403
25	4	0.017	0.044	0.027
25	5	0.358	0.210	-0.148
20	6	0.300	0.229	-0.071
20	7	0.144	0.093	-0.051
20	8	0.368	0.229	-0.139
20	9	0.017	0.347	0.330
20	10	0.027	0.073	0.046
35	11	0.027	0.112	0.085
35	12	0.037	0.171	0.134
35	13	0.349	0.083	-0.266
35	14	0.085	0.005	-0.080
35	15	0.056	0.073	0.017
30	16	0.222	0.161	-0.061
30	17	0.046	0.005	-0.041
30	18	0.319	0.220	-0.099
30	19	0.232	0.034	-0.198
30	20	0.358	0.122	-0.236
55	21	0.017	0.083	0.066
55	22	0.022	0.063	0.041
55	23	0.183	0.102	-0.081
55	24	0.076	0.073	-0.003
55	25	0.027	0.024	-0.003
55	26	0.193	0.210	0.017
55	27	0.339	0.093	-0.246
55	28	0.202	0.083	-0.119
55	29	0.056	0.112	0.056
55	30	0.212	0.142	-0.070
55	31	0.407	0.132	-0.275
55	32	0.144	0.161	0.017
55	33	0.339	0.210	-0.129
55	34	0.095	0.239	0.144
55	35	0.290	0.073	-0.217
55	36	0.300	0.151	-0.149
55	37	0.329	0.015	-0.314
55	38	0.222	0.083	-0.139
55	39	0.007	0.015	0.008
55	40	0.032	0.005	-0.027
55	41	0.310	0.015	-0.295
55	42	0.076	0.005	-0.071
50	43	0.261	0.073	-0.188
50	44	0.056	0.151	0.095
50	45	0.163	0.005	-0.158
50	46	0.251	0.151	-0.100
50	47	0.232	0.249	0.017
Max		0.427	0.347	0.330
Average		0.181	0.113	-0.068
Min		0.007	0.005	-0.403
Std Dev		0.128	0.085	0.140



6.2_I_EN_LEAK_5V	
Test Site	
Tester	
Test Number	
Max Limit	nA
Min Limit	-0.1

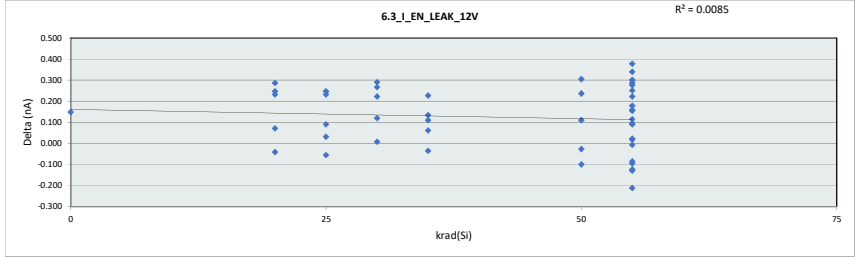
krad(Si)	0	20	25	30	35	50	55
LL	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Min	0.024	0.073	0.024	0.005	0.005	0.005	0.005
Average	0.024	0.194	0.147	0.108	0.089	0.126	0.095
Max	0.024	0.347	0.278	0.220	0.171	0.249	0.239
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

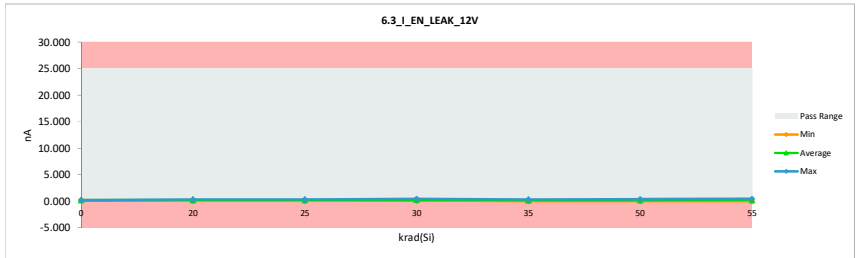
6.3_I_EN_LEAK_12V		
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	5	25
Min Limit	-0.1	-0.1

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.061	0.210	0.149
25	1	0.110	0.054	-0.056
25	2	0.178	0.210	0.032
25	3	0.095	0.327	0.232
25	4	0.041	0.288	0.247
25	5	0.139	0.229	0.090
20	6	0.163	0.122	-0.041
20	7	0.002	0.288	0.286
20	8	0.115	0.347	0.232
20	9	0.002	0.073	0.071
20	10	0.090	0.337	0.247
35	11	0.100	0.327	0.227
35	12	0.041	0.151	0.110
35	13	0.076	0.210	0.134
35	14	0.041	0.005	-0.036
35	15	0.100	0.161	0.061
30	16	0.080	0.347	0.267
30	17	0.071	0.190	0.119
30	18	0.134	0.142	0.008
30	19	0.144	0.434	0.290
30	20	0.007	0.229	0.222
55	21	0.012	0.298	0.286
55	22	0.168	0.327	0.159
55	23	0.017	0.395	0.378
55	24	0.134	0.249	0.115
55	25	0.188	0.102	-0.086
55	26	0.193	0.210	0.017
55	27	0.046	0.142	0.096
55	28	0.266	0.259	-0.007
55	29	0.168	0.073	-0.095
55	30	0.022	0.112	0.090
55	31	0.124	0.278	0.154
55	32	0.217	0.005	-0.212
55	33	0.046	0.268	0.222
55	34	0.158	0.034	-0.124
55	35	0.232	0.102	-0.130
55	36	0.051	0.073	0.022
55	37	0.115	0.454	0.339
55	38	0.027	0.327	0.300
55	39	0.037	0.288	0.251
55	40	0.119	0.395	0.276
55	41	0.056	0.356	0.300
55	42	0.119	0.298	0.179
50	43	0.022	0.259	0.237
50	44	0.080	0.190	0.110
50	45	0.090	0.395	0.305
50	46	0.217	0.190	-0.027
50	47	0.124	0.024	-0.100
Max		0.266	0.454	0.378
Average		0.101	0.225	0.124
Min		0.002	0.005	-0.212
Std Dev		0.067	0.119	0.146



6.3_I_EN_LEAK_12V		
Test Site		
Tester		
Test Number		
Max Limit	25	nA
Min Limit	-0.1	nA

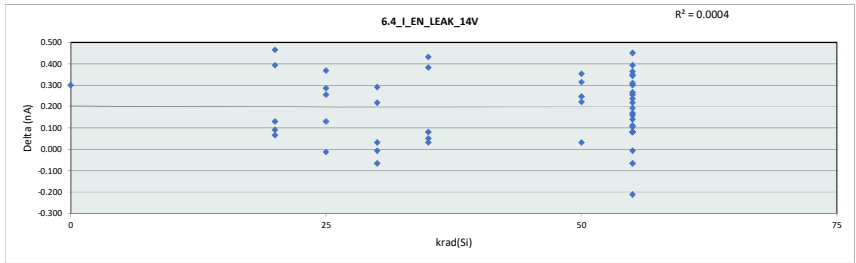
krad(Si)	0	20	25	30	35	50	55
LL	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Min	0.210	0.073	0.054	0.142	0.005	0.024	0.005
Average	0.210	0.233	0.222	0.268	0.171	0.212	0.229
Max	0.210	0.347	0.327	0.434	0.327	0.395	0.454
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

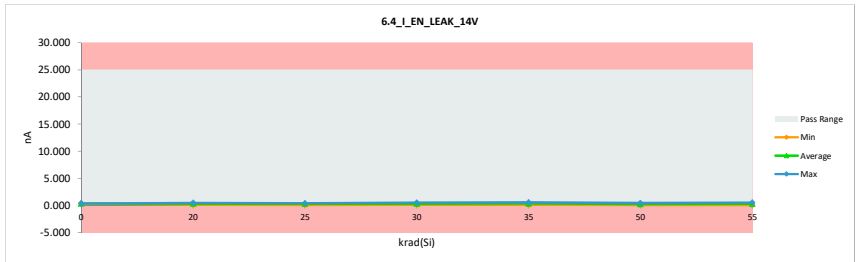
6.4_I_EN_LEAK_14V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	5
Min Limit	-0.1

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.066	0.366	0.300
25	1	0.115	0.102	-0.013
25	2	0.022	0.278	0.256
25	3	0.090	0.376	0.286
25	4	0.197	0.327	0.130
25	5	0.046	0.415	0.369
20	6	0.027	0.493	0.466
20	7	0.090	0.220	0.130
20	8	0.105	0.171	0.066
20	9	0.100	0.493	0.393
20	10	0.051	0.142	0.091
35	11	0.129	0.512	0.383
35	12	0.129	0.561	0.432
35	13	0.061	0.112	0.051
35	14	0.227	0.259	0.032
35	15	0.305	0.386	0.081
30	16	0.432	0.366	-0.066
30	17	0.285	0.503	0.218
30	18	0.158	0.151	-0.007
30	19	0.085	0.376	0.291
30	20	0.168	0.200	0.032
55	21	0.217	0.454	0.237
55	22	0.236	0.347	0.111
55	23	0.227	0.220	-0.007
55	24	0.129	0.210	0.081
55	25	0.324	0.405	0.081
55	26	0.158	0.376	0.218
55	27	0.061	0.512	0.451
55	28	0.207	0.347	0.140
55	29	0.051	0.395	0.344
55	30	0.017	0.366	0.349
55	31	0.266	0.054	-0.212
55	32	0.110	0.503	0.393
55	33	0.139	0.405	0.266
55	34	0.046	0.347	0.301
55	35	0.061	0.425	0.364
55	36	0.188	0.444	0.256
55	37	0.027	0.220	0.193
55	38	0.217	0.151	-0.066
55	39	0.173	0.278	0.105
55	40	0.051	0.220	0.169
55	41	0.085	0.395	0.310
55	42	0.178	0.337	0.159
50	43	0.051	0.366	0.315
50	44	0.056	0.278	0.222
50	45	0.012	0.259	0.247
50	46	0.071	0.425	0.354
50	47	0.012	0.044	0.032
	Max	0.432	0.561	0.466
	Average	0.130	0.325	0.194
	Min	0.012	0.044	-0.212
	Std Dev	0.094	0.130	0.156



6.4_I_EN_LEAK_14V	
Test Site	
Tester	
Test Number	
Max Limit	25
Min Limit	-0.1

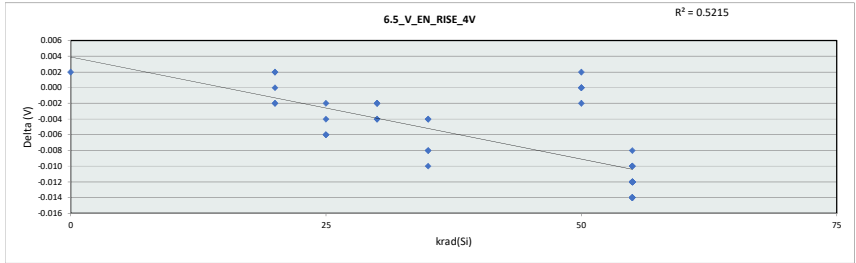
krad(Si)	0	20	25	30	35	50	55
LL	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Min	0.366	0.142	0.102	0.151	0.112	0.044	0.054
Average	0.366	0.304	0.300	0.319	0.366	0.274	0.337
Max	0.366	0.493	0.415	0.503	0.561	0.425	0.512
UL	25.000	25.000	25.000	25.000	25.000	25.000	25.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

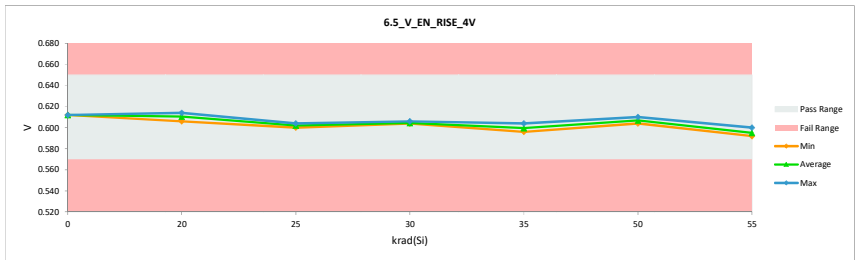
6.5_V_EN_RISE_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.65
Min Limit	0.57

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.610	0.612	0.002
25	1	0.608	0.602	-0.006
25	2	0.606	0.600	-0.006
25	3	0.608	0.602	-0.006
25	4	0.608	0.604	-0.004
25	5	0.604	0.602	-0.002
20	6	0.612	0.610	-0.002
20	7	0.604	0.606	0.002
20	8	0.612	0.610	-0.002
20	9	0.614	0.614	0.000
20	10	0.610	0.612	0.002
35	11	0.606	0.598	-0.008
35	12	0.606	0.602	-0.004
35	13	0.606	0.596	-0.010
35	14	0.606	0.598	-0.008
35	15	0.608	0.604	-0.004
30	16	0.610	0.606	-0.004
30	17	0.606	0.604	-0.002
30	18	0.606	0.604	-0.002
30	19	0.606	0.604	-0.002
30	20	0.608	0.604	-0.004
55	21	0.606	0.592	-0.014
55	22	0.606	0.594	-0.012
55	23	0.608	0.594	-0.014
55	24	0.610	0.596	-0.014
55	25	0.610	0.598	-0.012
55	26	0.606	0.594	-0.012
55	27	0.608	0.598	-0.010
55	28	0.608	0.596	-0.012
55	29	0.604	0.592	-0.012
55	30	0.606	0.594	-0.012
55	31	0.606	0.592	-0.014
55	32	0.610	0.596	-0.014
55	33	0.606	0.596	-0.010
55	34	0.610	0.598	-0.012
55	35	0.612	0.600	-0.012
55	36	0.606	0.596	-0.010
55	37	0.608	0.596	-0.012
55	38	0.606	0.596	-0.010
55	39	0.606	0.592	-0.014
55	40	0.606	0.598	-0.008
55	41	0.604	0.592	-0.012
55	42	0.606	0.592	-0.014
50	43	0.606	0.604	-0.002
50	44	0.608	0.610	0.002
50	45	0.608	0.608	0.000
50	46	0.608	0.608	0.000
50	47	0.604	0.604	0.000
Max		0.614	0.614	0.002
Average		0.607	0.600	-0.007
Min		0.604	0.592	-0.014
Std Dev		0.002	0.006	0.005



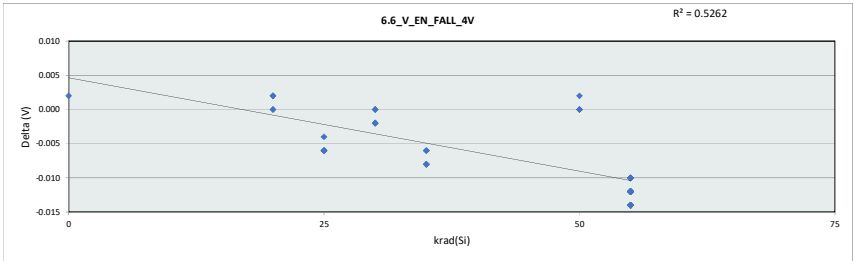
6.5_V_EN_RISE_4V	
Test Site	
Tester	
Test Number	
Max Limit	0.65
Min Limit	0.57

krad(Si)	0	20	25	30	35	50	55
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.612	0.606	0.600	0.604	0.596	0.604	0.592
Average	0.612	0.610	0.602	0.604	0.600	0.607	0.595
Max	0.612	0.614	0.604	0.606	0.604	0.610	0.600
UL	0.650	0.650	0.650	0.650	0.650	0.650	0.650



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

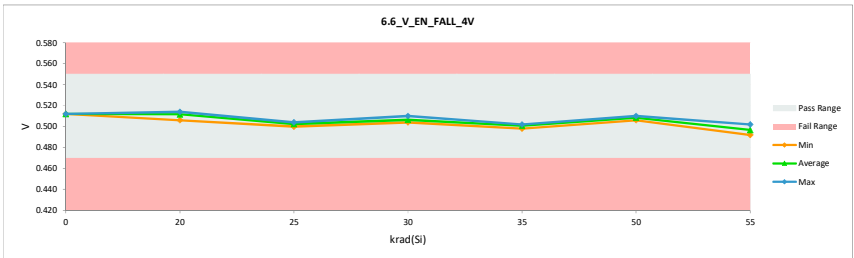
6.6_V_EN_FALL_4V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.55	0.55
Min Limit	0.47	0.47



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.510	0.512	0.002
25	1	0.508	0.502	-0.006
25	2	0.506	0.500	-0.006
25	3	0.510	0.504	-0.006
25	4	0.508	0.504	-0.004
25	5	0.508	0.502	-0.006
20	6	0.512	0.514	0.002
20	7	0.506	0.506	0.000
20	8	0.512	0.512	0.000
20	9	0.512	0.514	0.002
20	10	0.510	0.512	0.002
35	11	0.506	0.498	-0.008
35	12	0.508	0.502	-0.006
35	13	0.508	0.500	-0.008
35	14	0.508	0.502	-0.006
35	15	0.510	0.502	-0.008
30	16	0.510	0.510	0.000
30	17	0.508	0.506	-0.002
30	18	0.504	0.504	0.000
30	19	0.508	0.506	-0.002
30	20	0.508	0.506	-0.002
55	21	0.508	0.496	-0.012
55	22	0.510	0.496	-0.014
55	23	0.508	0.496	-0.012
55	24	0.512	0.498	-0.014
55	25	0.510	0.500	-0.010
55	26	0.508	0.496	-0.012
55	27	0.510	0.498	-0.012
55	28	0.510	0.500	-0.010
55	29	0.506	0.494	-0.012
55	30	0.508	0.498	-0.010
55	31	0.506	0.492	-0.014
55	32	0.510	0.498	-0.012
55	33	0.508	0.496	-0.012
55	34	0.512	0.498	-0.014
55	35	0.512	0.502	-0.010
55	36	0.508	0.496	-0.012
55	37	0.510	0.496	-0.014
55	38	0.508	0.496	-0.012
55	39	0.508	0.496	-0.012
55	40	0.508	0.498	-0.010
55	41	0.508	0.494	-0.014
55	42	0.506	0.494	-0.012
50	43	0.506	0.506	0.000
50	44	0.510	0.510	0.000
50	45	0.510	0.510	0.000
50	46	0.508	0.508	0.000
50	47	0.506	0.508	0.002
	Max	0.512	0.514	0.002
	Average	0.509	0.502	-0.007
	Min	0.504	0.492	-0.014
	Std Dev	0.002	0.006	0.006

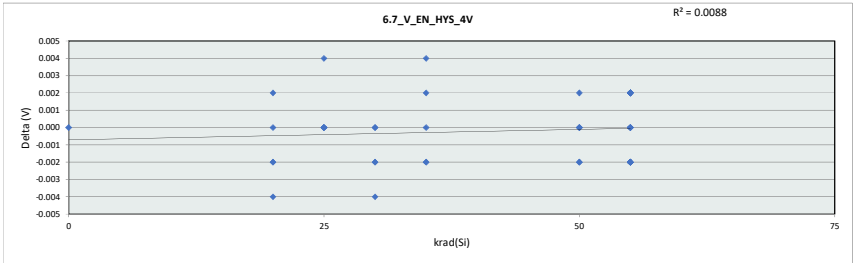
6.6_V_EN_FALL_4V		
Test Site		
Tester		
Test Number		
Max Limit	0.55	V
Min Limit	0.47	V

krad(Si)	0	20	25	30	35	50	55
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.512	0.506	0.500	0.504	0.498	0.506	0.492
Average	0.512	0.512	0.502	0.506	0.501	0.508	0.497
Max	0.512	0.514	0.504	0.510	0.502	0.510	0.502
UL	0.550	0.550	0.550	0.550	0.550	0.550	0.550



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

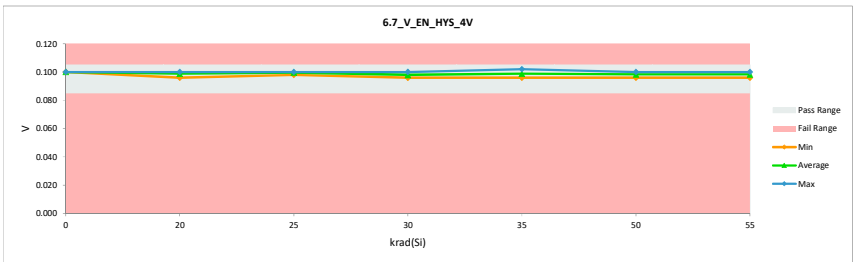
6.7_V_EN_HYS_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.105
Min Limit	0.085



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.100	0.100	0.000
25	1	0.100	0.100	0.000
25	2	0.100	0.100	0.000
25	3	0.098	0.098	0.000
25	4	0.100	0.100	0.000
25	5	0.096	0.100	0.004
20	6	0.100	0.096	-0.004
20	7	0.098	0.100	0.002
20	8	0.100	0.098	-0.002
20	9	0.102	0.100	-0.002
20	10	0.100	0.100	0.000
35	11	0.100	0.100	0.000
35	12	0.098	0.100	0.002
35	13	0.098	0.096	-0.002
35	14	0.098	0.096	-0.002
35	15	0.098	0.102	0.004
30	16	0.100	0.096	-0.004
30	17	0.098	0.098	0.000
30	18	0.102	0.100	-0.002
30	19	0.098	0.098	0.000
30	20	0.100	0.098	-0.002
55	21	0.098	0.096	-0.002
55	22	0.096	0.098	0.002
55	23	0.100	0.098	-0.002
55	24	0.098	0.098	0.000
55	25	0.100	0.098	-0.002
55	26	0.098	0.098	0.000
55	27	0.098	0.100	0.002
55	28	0.098	0.096	-0.002
55	29	0.098	0.098	0.000
55	30	0.098	0.096	-0.002
55	31	0.100	0.100	0.000
55	32	0.100	0.098	-0.002
55	33	0.098	0.100	0.002
55	34	0.098	0.100	0.002
55	35	0.100	0.098	-0.002
55	36	0.098	0.100	0.002
55	37	0.098	0.100	0.002
55	38	0.098	0.100	0.002
55	39	0.098	0.096	-0.002
55	40	0.098	0.100	0.002
55	41	0.096	0.098	0.002
55	42	0.100	0.098	-0.002
50	43	0.100	0.098	-0.002
50	44	0.098	0.100	0.002
50	45	0.098	0.098	0.000
50	46	0.100	0.100	0.000
50	47	0.098	0.096	-0.002
Max		0.102	0.102	0.004
Average		0.099	0.099	0.000
Min		0.096	0.096	-0.004
Std Dev		0.001	0.002	0.002

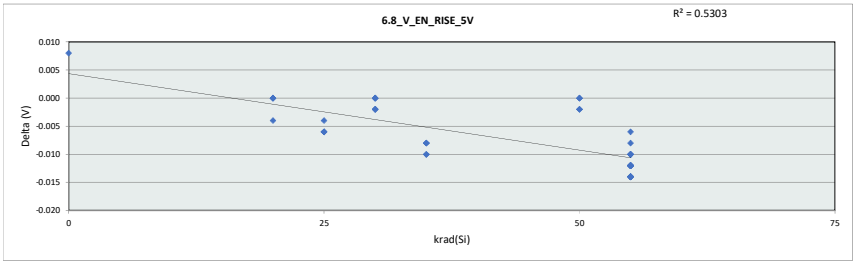
6.7_V_EN_HYS_4V	
Test Site	
Tester	
Test Number	
Max Limit	0.105 V
Min Limit	0.085 V

krad(Si)	0	20	25	30	35	50	55
LL	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Min	0.100	0.096	0.098	0.096	0.096	0.096	0.096
Average	0.100	0.099	0.100	0.098	0.099	0.098	0.098
Max	0.100	0.100	0.100	0.100	0.102	0.100	0.100
UL	0.105	0.105	0.105	0.105	0.105	0.105	0.105



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

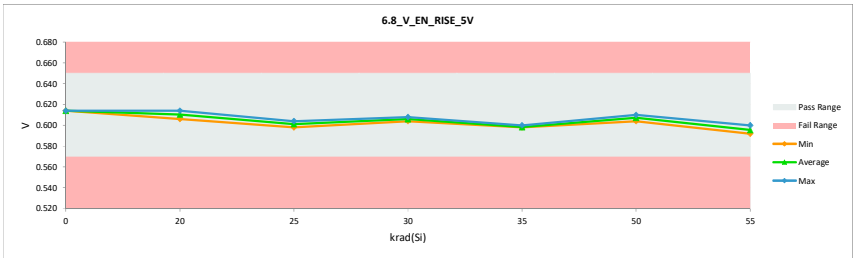
6.8_V_EN_RISE_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.65
Min Limit	0.57



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.606	0.614	0.008
25	1	0.608	0.602	-0.006
25	2	0.606	0.600	-0.006
25	3	0.608	0.602	-0.006
25	4	0.608	0.604	-0.004
25	5	0.604	0.598	-0.006
20	6	0.612	0.612	0.000
20	7	0.606	0.606	0.000
20	8	0.612	0.612	0.000
20	9	0.614	0.614	0.000
20	10	0.612	0.608	-0.004
35	11	0.606	0.598	-0.008
35	12	0.606	0.598	-0.008
35	13	0.606	0.598	-0.008
35	14	0.608	0.598	-0.010
35	15	0.610	0.600	-0.010
30	16	0.608	0.608	0.000
30	17	0.606	0.606	0.000
30	18	0.606	0.604	-0.002
30	19	0.606	0.606	0.000
30	20	0.608	0.606	-0.002
55	21	0.608	0.594	-0.014
55	22	0.608	0.594	-0.014
55	23	0.608	0.596	-0.012
55	24	0.610	0.598	-0.012
55	25	0.606	0.600	-0.006
55	26	0.606	0.596	-0.010
55	27	0.608	0.594	-0.014
55	28	0.608	0.598	-0.010
55	29	0.606	0.592	-0.014
55	30	0.608	0.594	-0.014
55	31	0.608	0.594	-0.014
55	32	0.608	0.596	-0.012
55	33	0.606	0.592	-0.014
55	34	0.610	0.598	-0.012
55	35	0.612	0.600	-0.012
55	36	0.606	0.598	-0.008
55	37	0.608	0.598	-0.010
55	38	0.606	0.596	-0.010
55	39	0.606	0.592	-0.014
55	40	0.606	0.594	-0.012
55	41	0.606	0.594	-0.012
55	42	0.606	0.594	-0.012
50	43	0.606	0.606	0.000
50	44	0.608	0.608	0.000
50	45	0.610	0.608	-0.002
50	46	0.610	0.610	0.000
50	47	0.606	0.604	-0.002
Max		0.614	0.614	0.008
Average		0.608	0.601	-0.007
Min		0.604	0.592	-0.014
Std Dev		0.002	0.006	0.006

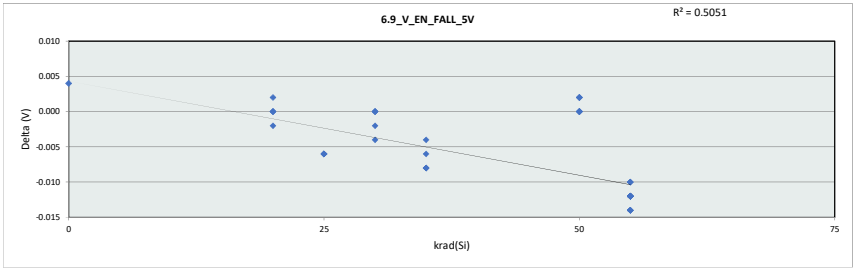
6.8_V_EN_RISE_5V	
Test Site	
Tester	
Test Number	
Max Limit	0.65
Min Limit	0.57

krad(Si)	0	20	25	30	35	50	55
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.614	0.606	0.598	0.604	0.598	0.604	0.592
Average	0.614	0.610	0.601	0.606	0.598	0.607	0.596
Max	0.614	0.614	0.604	0.608	0.600	0.610	0.600
UL	0.650	0.650	0.650	0.650	0.650	0.650	0.650



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

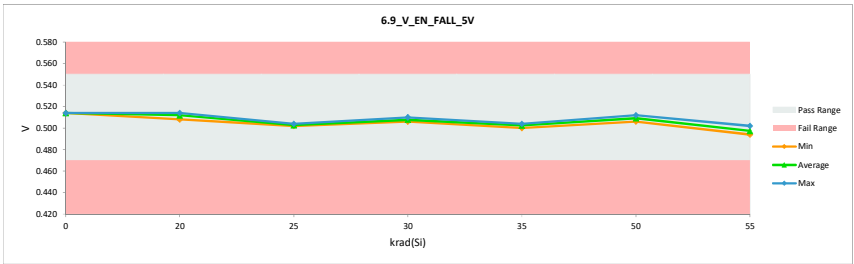
6.9_V_EN_FALL_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.55
Min Limit	0.47



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.510	0.514	0.004
25	1	0.508	0.502	-0.006
25	2	0.508	0.502	-0.006
25	3	0.510	0.504	-0.006
25	4	0.510	0.504	-0.006
25	5	0.508	0.502	-0.006
20	6	0.514	0.514	0.000
20	7	0.508	0.508	0.000
20	8	0.512	0.512	0.000
20	9	0.516	0.514	-0.002
20	10	0.510	0.512	0.002
35	11	0.508	0.500	-0.008
35	12	0.508	0.504	-0.004
35	13	0.510	0.502	-0.008
35	14	0.510	0.504	-0.006
35	15	0.510	0.502	-0.008
30	16	0.510	0.510	0.000
30	17	0.508	0.506	-0.002
30	18	0.506	0.506	0.000
30	19	0.510	0.506	-0.004
30	20	0.510	0.510	0.000
55	21	0.508	0.496	-0.012
55	22	0.510	0.498	-0.012
55	23	0.508	0.496	-0.012
55	24	0.512	0.498	-0.014
55	25	0.512	0.500	-0.012
55	26	0.508	0.496	-0.012
55	27	0.510	0.500	-0.010
55	28	0.512	0.500	-0.012
55	29	0.508	0.494	-0.014
55	30	0.510	0.498	-0.012
55	31	0.508	0.494	-0.014
55	32	0.510	0.498	-0.012
55	33	0.508	0.496	-0.012
55	34	0.512	0.500	-0.012
55	35	0.514	0.502	-0.012
55	36	0.510	0.498	-0.012
55	37	0.510	0.496	-0.014
55	38	0.510	0.498	-0.012
55	39	0.508	0.496	-0.012
55	40	0.508	0.498	-0.010
55	41	0.508	0.494	-0.014
55	42	0.506	0.496	-0.010
50	43	0.506	0.506	0.000
50	44	0.510	0.512	0.002
50	45	0.510	0.510	0.000
50	46	0.510	0.510	0.000
50	47	0.506	0.508	0.002
Max		0.516	0.514	0.004
Average		0.510	0.503	-0.007
Min		0.506	0.494	-0.014
Std Dev		0.002	0.006	0.006

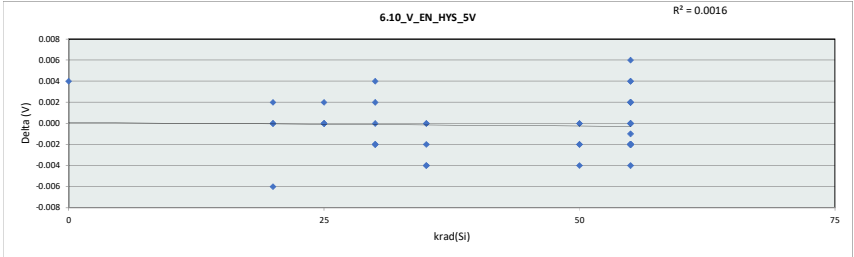
6.9_V_EN_FALL_5V	
Test Site	
Tester	
Test Number	
Max Limit	0.55
Min Limit	0.47

krad(Si)	0	20	25	30	35	50	55
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.514	0.508	0.502	0.506	0.500	0.506	0.494
Average	0.514	0.512	0.503	0.508	0.502	0.509	0.497
Max	0.514	0.514	0.504	0.510	0.504	0.512	0.502
UL	0.550	0.550	0.550	0.550	0.550	0.550	0.550



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

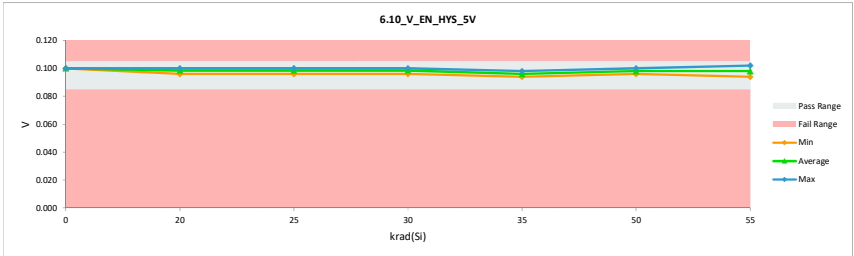
6.10_V_EN_HYS_5V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.105	0.105
Min Limit	0.085	0.085



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.096	0.100	0.004
25	1	0.100	0.100	0.000
25	2	0.098	0.098	0.000
25	3	0.098	0.098	0.000
25	4	0.098	0.100	0.002
25	5	0.096	0.096	0.000
20	6	0.098	0.098	0.000
20	7	0.098	0.098	0.000
20	8	0.100	0.100	0.000
20	9	0.098	0.100	0.002
20	10	0.102	0.096	-0.006
35	11	0.098	0.098	0.000
35	12	0.098	0.094	-0.004
35	13	0.096	0.096	0.000
35	14	0.098	0.094	-0.004
35	15	0.100	0.098	-0.002
30	16	0.098	0.098	0.000
30	17	0.098	0.100	0.002
30	18	0.100	0.098	-0.002
30	19	0.096	0.100	0.004
30	20	0.098	0.096	-0.002
55	21	0.100	0.098	-0.002
55	22	0.098	0.096	-0.002
55	23	0.100	0.100	0.000
55	24	0.098	0.100	0.002
55	25	0.094	0.100	0.006
55	26	0.098	0.100	0.002
55	27	0.098	0.094	-0.004
55	28	0.096	0.098	0.002
55	29	0.098	0.097	-0.001
55	30	0.098	0.096	-0.002
55	31	0.100	0.100	0.000
55	32	0.098	0.098	0.000
55	33	0.098	0.096	-0.002
55	34	0.098	0.098	0.000
55	35	0.098	0.098	0.000
55	36	0.096	0.100	0.004
55	37	0.098	0.102	0.004
55	38	0.096	0.098	0.002
55	39	0.098	0.096	-0.002
55	40	0.098	0.096	-0.002
55	41	0.098	0.100	0.002
55	42	0.100	0.098	-0.002
50	43	0.100	0.100	0.000
50	44	0.098	0.096	-0.002
50	45	0.100	0.098	-0.002
50	46	0.100	0.100	0.000
50	47	0.100	0.096	-0.004
	Max	0.102	0.102	0.006
	Average	0.098	0.098	0.000
	Min	0.094	0.094	-0.006
	Std Dev	0.002	0.002	0.002

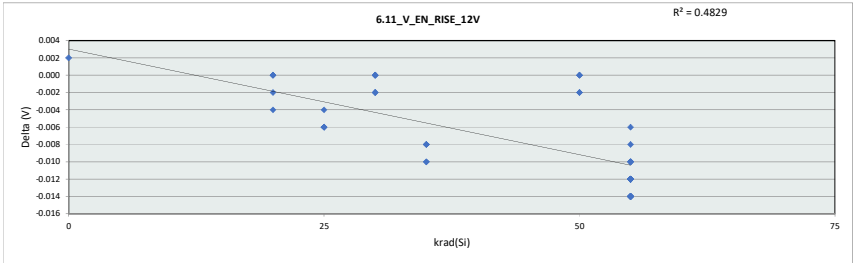
6.10_V_EN_HYS_5V		
Test Site		
Tester		
Test Number		
Max Limit	0.105	V
Min Limit	0.085	V

krad(Si)	0	20	25	30	35	50	55
LL	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Min	0.100	0.096	0.096	0.096	0.094	0.096	0.094
Average	0.100	0.098	0.098	0.098	0.096	0.098	0.098
Max	0.100	0.100	0.100	0.100	0.098	0.100	0.102
UL	0.105	0.105	0.105	0.105	0.105	0.105	0.105



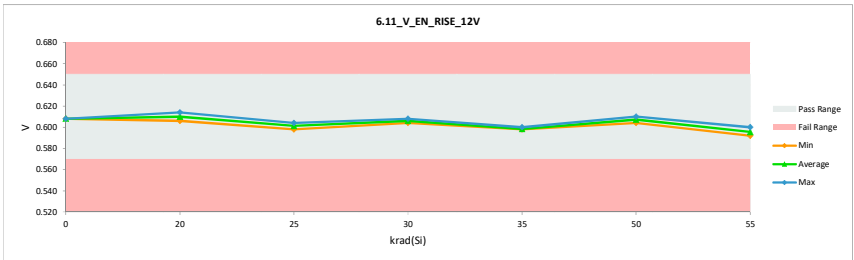
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.11_V_EN_RISE_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.65	0.65
Min Limit	0.57	0.57



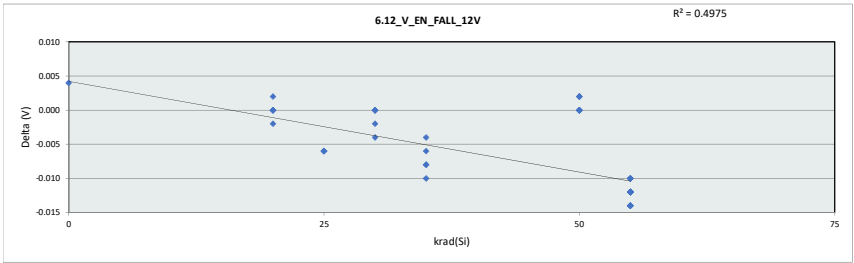
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.606	0.608	0.002
25	1	0.608	0.602	-0.006
25	2	0.606	0.600	-0.006
25	3	0.608	0.602	-0.006
25	4	0.608	0.604	-0.004
25	5	0.604	0.598	-0.006
20	6	0.612	0.610	-0.002
20	7	0.606	0.606	0.000
20	8	0.612	0.612	0.000
20	9	0.614	0.614	0.000
20	10	0.612	0.608	-0.004
35	11	0.606	0.598	-0.008
35	12	0.606	0.598	-0.008
35	13	0.606	0.598	-0.008
35	14	0.608	0.598	-0.010
35	15	0.610	0.600	-0.010
30	16	0.608	0.608	0.000
30	17	0.606	0.606	0.000
30	18	0.606	0.604	-0.002
30	19	0.606	0.606	0.000
30	20	0.608	0.606	-0.002
55	21	0.608	0.594	-0.014
55	22	0.608	0.594	-0.014
55	23	0.608	0.596	-0.012
55	24	0.610	0.598	-0.012
55	25	0.606	0.600	-0.006
55	26	0.606	0.596	-0.010
55	27	0.608	0.594	-0.014
55	28	0.608	0.598	-0.010
55	29	0.606	0.592	-0.014
55	30	0.608	0.594	-0.014
55	31	0.608	0.594	-0.014
55	32	0.608	0.596	-0.012
55	33	0.606	0.592	-0.014
55	34	0.610	0.598	-0.012
55	35	0.612	0.600	-0.012
55	36	0.606	0.598	-0.008
55	37	0.608	0.598	-0.010
55	38	0.606	0.596	-0.010
55	39	0.606	0.592	-0.014
55	40	0.606	0.594	-0.012
55	41	0.606	0.594	-0.012
55	42	0.606	0.594	-0.012
50	43	0.606	0.606	0.000
50	44	0.608	0.608	0.000
50	45	0.610	0.608	-0.002
50	46	0.610	0.610	0.000
50	47	0.606	0.604	-0.002
Max		0.614	0.614	0.002
Average		0.608	0.600	-0.007
Min		0.604	0.592	-0.014
Std Dev		0.002	0.006	0.005

6.11_V_EN_RISE_12V							
Test Site							
Tester							
Test Number							
Max Limit	0.65	V					
Min Limit	0.57	V					
krad(Si)	0	20	25	30	35	50	55
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.608	0.606	0.598	0.604	0.598	0.604	0.592
Average	0.608	0.610	0.601	0.606	0.598	0.607	0.596
Max	0.608	0.614	0.604	0.608	0.600	0.610	0.600
UL	0.650	0.650	0.650	0.650	0.650	0.650	0.650



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

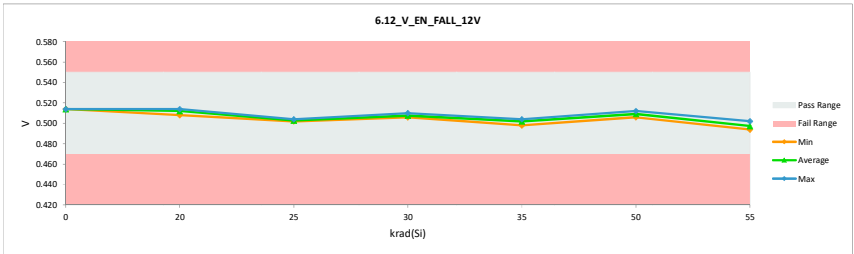
6.12_V_EN_FALL_12V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.55
Min Limit	0.47



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.510	0.514	0.004
25	1	0.508	0.502	-0.006
25	2	0.508	0.502	-0.006
25	3	0.510	0.504	-0.006
25	4	0.510	0.504	-0.006
25	5	0.508	0.502	-0.006
20	6	0.514	0.514	0.000
20	7	0.508	0.508	0.000
20	8	0.512	0.512	0.000
20	9	0.516	0.514	-0.002
20	10	0.510	0.512	0.002
35	11	0.508	0.498	-0.010
35	12	0.508	0.504	-0.004
35	13	0.510	0.502	-0.008
35	14	0.510	0.504	-0.006
35	15	0.510	0.502	-0.008
30	16	0.510	0.510	0.000
30	17	0.508	0.506	-0.002
30	18	0.506	0.506	0.000
30	19	0.510	0.506	-0.004
30	20	0.510	0.510	0.000
55	21	0.508	0.496	-0.012
55	22	0.510	0.498	-0.012
55	23	0.508	0.496	-0.012
55	24	0.512	0.498	-0.014
55	25	0.512	0.500	-0.012
55	26	0.508	0.496	-0.012
55	27	0.510	0.500	-0.010
55	28	0.512	0.500	-0.012
55	29	0.508	0.494	-0.014
55	30	0.510	0.498	-0.012
55	31	0.508	0.494	-0.014
55	32	0.510	0.498	-0.012
55	33	0.508	0.496	-0.012
55	34	0.512	0.500	-0.012
55	35	0.514	0.502	-0.012
55	36	0.510	0.498	-0.012
55	37	0.510	0.496	-0.014
55	38	0.510	0.498	-0.012
55	39	0.508	0.496	-0.012
55	40	0.508	0.498	-0.010
55	41	0.508	0.494	-0.014
55	42	0.506	0.496	-0.010
50	43	0.506	0.506	0.000
50	44	0.510	0.512	0.002
50	45	0.510	0.510	0.000
50	46	0.510	0.510	0.000
50	47	0.506	0.508	0.002
	Max	0.516	0.514	0.004
	Average	0.510	0.503	-0.007
	Min	0.506	0.494	-0.014
	Std Dev	0.002	0.006	0.006

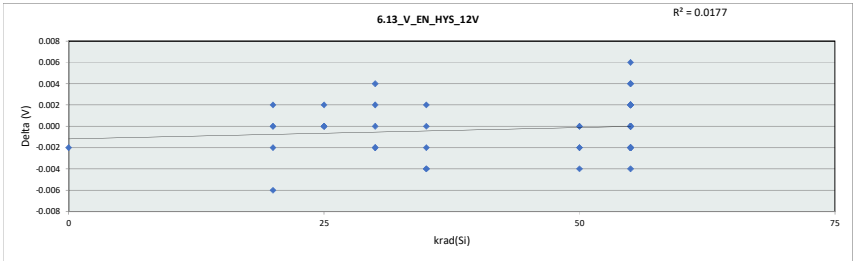
6.12_V_EN_FALL_12V	
Test Site	
Tester	
Test Number	
Max Limit	0.55
Min Limit	0.47

krad(Si)	0	20	25	30	35	50	55
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.514	0.508	0.502	0.506	0.498	0.506	0.494
Average	0.514	0.512	0.503	0.508	0.502	0.509	0.497
Max	0.514	0.514	0.504	0.510	0.504	0.512	0.502
UL	0.550	0.550	0.550	0.550	0.550	0.550	0.550



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

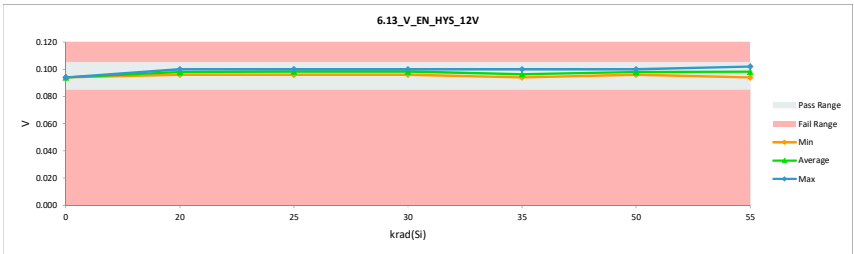
6.13_V_EN_HYS_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.105	0.105
Min Limit	0.085	0.085



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.096	0.094	-0.002
25	1	0.100	0.100	0.000
25	2	0.098	0.098	0.000
25	3	0.098	0.098	0.000
25	4	0.098	0.100	0.002
25	5	0.096	0.096	0.000
20	6	0.098	0.096	-0.002
20	7	0.098	0.098	0.000
20	8	0.100	0.100	0.000
20	9	0.098	0.100	0.002
20	10	0.102	0.096	-0.006
35	11	0.098	0.100	0.002
35	12	0.098	0.094	-0.004
35	13	0.096	0.096	0.000
35	14	0.098	0.094	-0.004
35	15	0.100	0.098	-0.002
30	16	0.098	0.098	0.000
30	17	0.098	0.100	0.002
30	18	0.100	0.098	-0.002
30	19	0.096	0.100	0.004
30	20	0.098	0.096	-0.002
55	21	0.100	0.098	-0.002
55	22	0.098	0.096	-0.002
55	23	0.100	0.100	0.000
55	24	0.098	0.100	0.002
55	25	0.094	0.100	0.006
55	26	0.098	0.100	0.002
55	27	0.098	0.094	-0.004
55	28	0.096	0.098	0.002
55	29	0.098	0.098	0.000
55	30	0.098	0.096	-0.002
55	31	0.100	0.100	0.000
55	32	0.098	0.098	0.000
55	33	0.098	0.096	-0.002
55	34	0.098	0.098	0.000
55	35	0.098	0.098	0.000
55	36	0.096	0.100	0.004
55	37	0.098	0.102	0.004
55	38	0.096	0.098	0.002
55	39	0.098	0.096	-0.002
55	40	0.098	0.096	-0.002
55	41	0.098	0.100	0.002
55	42	0.100	0.098	-0.002
50	43	0.100	0.100	0.000
50	44	0.098	0.096	-0.002
50	45	0.100	0.098	-0.002
50	46	0.100	0.100	0.000
50	47	0.100	0.096	-0.004
	Max	0.102	0.102	0.006
	Average	0.098	0.098	0.000
	Min	0.094	0.094	-0.006
	Std Dev	0.002	0.002	0.002

6.13_V_EN_HYS_12V		
Test Site		
Tester		
Test Number		
Max Limit	0.105	V
Min Limit	0.085	V

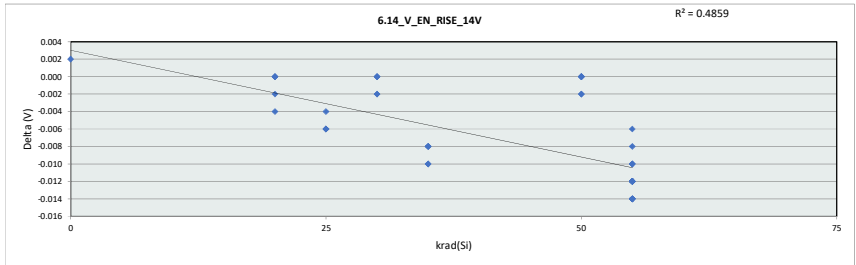
krad(Si)	0	20	25	30	35	50	55
LL	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Min	0.094	0.096	0.096	0.096	0.094	0.096	0.094
Average	0.094	0.098	0.098	0.098	0.096	0.098	0.098
Max	0.094	0.100	0.100	0.100	0.100	0.100	0.102
UL	0.105	0.105	0.105	0.105	0.105	0.105	0.105



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

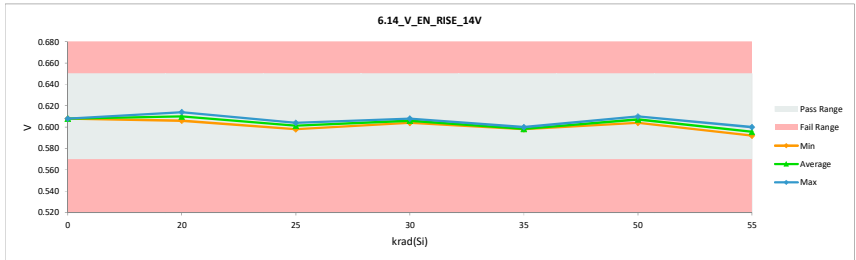
6.14_V_EN_RISE_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.65	0.65
Min Limit	0.57	0.57

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.606	0.608	0.002
25	1	0.608	0.602	-0.006
25	2	0.606	0.600	-0.006
25	3	0.608	0.602	-0.006
25	4	0.608	0.604	-0.004
25	5	0.604	0.598	-0.006
20	6	0.612	0.610	-0.002
20	7	0.606	0.606	0.000
20	8	0.612	0.612	0.000
20	9	0.614	0.614	0.000
20	10	0.612	0.608	-0.004
35	11	0.606	0.598	-0.008
35	12	0.606	0.598	-0.008
35	13	0.606	0.598	-0.008
35	14	0.608	0.598	-0.010
35	15	0.610	0.600	-0.010
30	16	0.608	0.608	0.000
30	17	0.606	0.606	0.000
30	18	0.606	0.604	-0.002
30	19	0.606	0.606	0.000
30	20	0.608	0.606	-0.002
55	21	0.608	0.594	-0.014
55	22	0.608	0.594	-0.014
55	23	0.608	0.596	-0.012
55	24	0.610	0.598	-0.012
55	25	0.606	0.600	-0.006
55	26	0.606	0.596	-0.010
55	27	0.608	0.594	-0.014
55	28	0.610	0.598	-0.012
55	29	0.606	0.592	-0.014
55	30	0.608	0.596	-0.012
55	31	0.608	0.594	-0.014
55	32	0.608	0.596	-0.012
55	33	0.606	0.592	-0.014
55	34	0.610	0.598	-0.012
55	35	0.612	0.600	-0.012
55	36	0.606	0.598	-0.008
55	37	0.608	0.598	-0.010
55	38	0.606	0.596	-0.010
55	39	0.606	0.592	-0.014
55	40	0.606	0.594	-0.012
55	41	0.606	0.594	-0.012
55	42	0.606	0.594	-0.012
50	43	0.606	0.606	0.000
50	44	0.608	0.608	0.000
50	45	0.610	0.608	-0.002
50	46	0.610	0.610	0.000
50	47	0.606	0.604	-0.002
Max		0.614	0.614	0.002
Average		0.608	0.601	-0.007
Min		0.604	0.592	-0.014
Std Dev		0.002	0.006	0.005



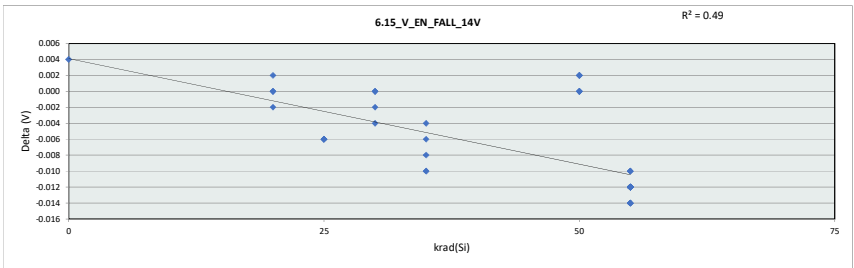
6.14_V_EN_RISE_14V		
Test Site		
Tester		
Test Number		
Max Limit	0.65	V
Min Limit	0.57	V

krad(Si)	0	20	25	30	35	50	55
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.608	0.606	0.598	0.604	0.598	0.604	0.592
Average	0.608	0.610	0.601	0.606	0.598	0.607	0.596
Max	0.608	0.614	0.604	0.608	0.600	0.610	0.600
UL	0.650	0.650	0.650	0.650	0.650	0.650	0.650



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

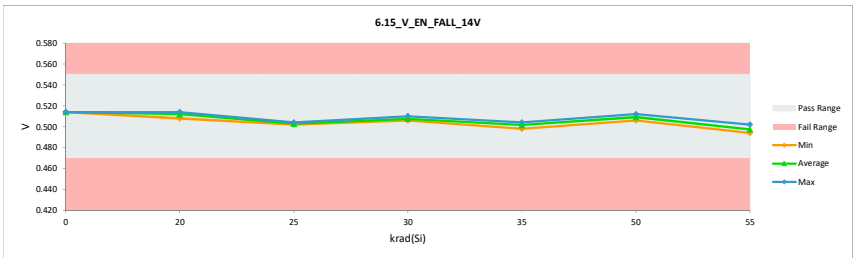
6.15_V_EN_FALL_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.55
Min Limit	0.47



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.510	0.514	0.004
25	1	0.508	0.502	-0.006
25	2	0.508	0.502	-0.006
25	3	0.510	0.504	-0.006
25	4	0.510	0.504	-0.006
25	5	0.508	0.502	-0.006
20	6	0.514	0.514	0.000
20	7	0.508	0.508	0.000
20	8	0.512	0.512	0.000
20	9	0.516	0.514	-0.002
20	10	0.510	0.512	0.002
35	11	0.508	0.498	-0.010
35	12	0.508	0.504	-0.004
35	13	0.510	0.500	-0.010
35	14	0.510	0.504	-0.006
35	15	0.510	0.502	-0.008
30	16	0.510	0.510	0.000
30	17	0.508	0.506	-0.002
30	18	0.506	0.506	0.000
30	19	0.510	0.506	-0.004
30	20	0.510	0.510	0.000
55	21	0.508	0.496	-0.012
55	22	0.510	0.498	-0.012
55	23	0.508	0.496	-0.012
55	24	0.512	0.498	-0.014
55	25	0.512	0.500	-0.012
55	26	0.508	0.496	-0.012
55	27	0.510	0.500	-0.010
55	28	0.512	0.500	-0.012
55	29	0.508	0.494	-0.014
55	30	0.510	0.498	-0.012
55	31	0.508	0.494	-0.014
55	32	0.510	0.498	-0.012
55	33	0.508	0.496	-0.012
55	34	0.512	0.500	-0.012
55	35	0.514	0.502	-0.012
55	36	0.510	0.498	-0.012
55	37	0.510	0.496	-0.014
55	38	0.510	0.498	-0.012
55	39	0.508	0.496	-0.012
55	40	0.508	0.498	-0.010
55	41	0.508	0.494	-0.014
55	42	0.506	0.496	-0.010
50	43	0.506	0.506	0.000
50	44	0.510	0.512	0.002
50	45	0.510	0.510	0.000
50	46	0.510	0.510	0.000
50	47	0.506	0.508	0.002
Max		0.516	0.514	0.004
Average		0.510	0.503	-0.007
Min		0.506	0.494	-0.014
Std Dev		0.002	0.006	0.006

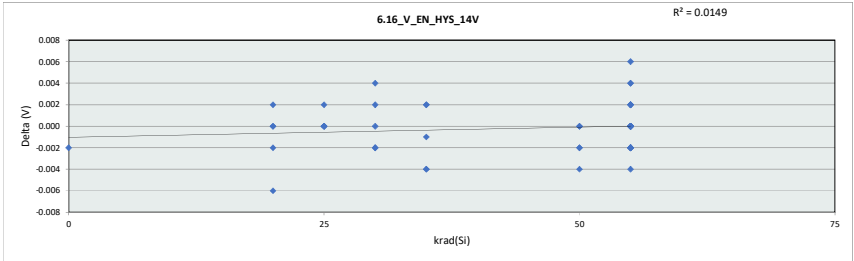
6.15_V_EN_FALL_14V	
Test Site	
Tester	
Test Number	
Max Limit	0.55
Min Limit	0.47

krad(Si)	0	20	25	30	35	50	55
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.514	0.508	0.502	0.506	0.498	0.506	0.494
Average	0.514	0.512	0.503	0.508	0.502	0.509	0.497
Max	0.514	0.514	0.504	0.510	0.504	0.512	0.502
UL	0.550	0.550	0.550	0.550	0.550	0.550	0.550



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

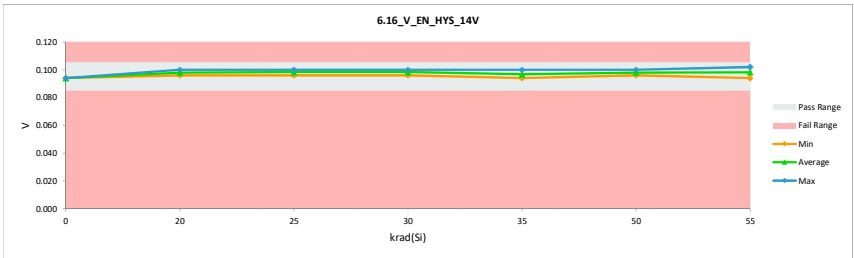
6.16_V_EN_HYS_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.105
Min Limit	0.085



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.096	0.094	-0.002
25	1	0.100	0.100	0.000
25	2	0.098	0.098	0.000
25	3	0.098	0.098	0.000
25	4	0.098	0.100	0.002
25	5	0.096	0.096	0.000
20	6	0.098	0.096	-0.002
20	7	0.098	0.098	0.000
20	8	0.100	0.100	0.000
20	9	0.098	0.100	0.002
20	10	0.102	0.096	-0.006
35	11	0.098	0.100	0.002
35	12	0.098	0.094	-0.004
35	13	0.096	0.098	0.002
35	14	0.098	0.094	-0.004
35	15	0.099	0.098	-0.001
30	16	0.098	0.098	0.000
30	17	0.098	0.100	0.002
30	18	0.100	0.098	-0.002
30	19	0.096	0.100	0.004
30	20	0.098	0.096	-0.002
55	21	0.100	0.098	-0.002
55	22	0.098	0.096	-0.002
55	23	0.100	0.100	0.000
55	24	0.098	0.100	0.002
55	25	0.094	0.100	0.006
55	26	0.098	0.100	0.002
55	27	0.098	0.094	-0.004
55	28	0.098	0.098	0.000
55	29	0.098	0.098	0.000
55	30	0.098	0.098	0.000
55	31	0.100	0.100	0.000
55	32	0.098	0.098	0.000
55	33	0.098	0.096	-0.002
55	34	0.098	0.098	0.000
55	35	0.098	0.098	0.000
55	36	0.096	0.100	0.004
55	37	0.098	0.102	0.004
55	38	0.096	0.098	0.002
55	39	0.098	0.096	-0.002
55	40	0.098	0.096	-0.002
55	41	0.098	0.100	0.002
55	42	0.100	0.098	-0.002
50	43	0.100	0.100	0.000
50	44	0.098	0.096	-0.002
50	45	0.100	0.098	-0.002
50	46	0.100	0.100	0.000
50	47	0.100	0.096	-0.004
Max		0.102	0.102	0.006
Average		0.098	0.098	0.000
Min		0.094	0.094	-0.006
Std Dev		0.001	0.002	0.002

6.16_V_EN_HYS_14V	
Test Site	
Tester	
Test Number	
Max Limit	0.105
Min Limit	0.085

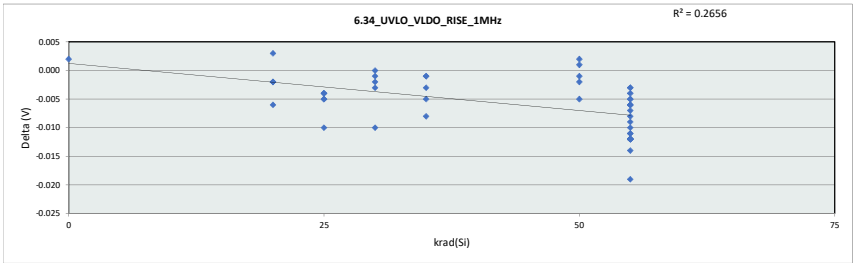
krad(Si)	0	20	25	30	35	50	55
LL	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Min	0.094	0.096	0.096	0.096	0.094	0.096	0.094
Average	0.094	0.098	0.098	0.098	0.097	0.098	0.098
Max	0.094	0.100	0.100	0.100	0.100	0.100	0.102
UL	0.105	0.105	0.105	0.105	0.105	0.105	0.105



HDR TID Report TPS7H5008-SEP

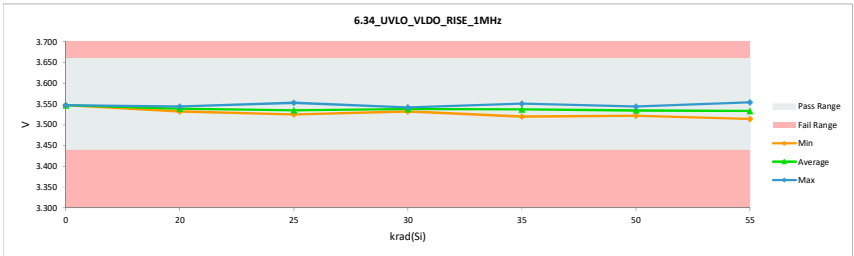
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.34_UVLO_VLDO_RISE_1MHz	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	3.66 3.66
Min Limit	3.44 3.44



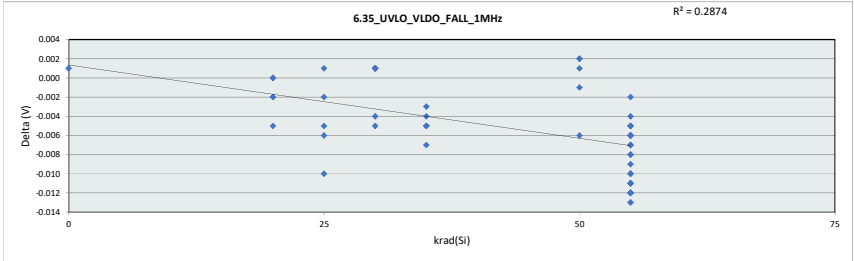
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.545	3.547	0.002
25	1	3.536	3.526	-0.010
25	2	3.544	3.539	-0.005
25	3	3.529	3.525	-0.004
25	4	3.558	3.553	-0.005
25	5	3.537	3.533	-0.004
20	6	3.545	3.543	-0.002
20	7	3.545	3.539	-0.006
20	8	3.539	3.537	-0.002
20	9	3.534	3.532	-0.002
20	10	3.541	3.544	0.003
35	11	3.552	3.551	-0.001
35	12	3.539	3.536	-0.003
35	13	3.534	3.533	-0.001
35	14	3.528	3.520	-0.008
35	15	3.551	3.546	-0.005
30	16	3.541	3.541	0.000
30	17	3.552	3.542	-0.010
30	18	3.533	3.532	-0.001
30	19	3.539	3.536	-0.003
30	20	3.541	3.539	-0.002
55	21	3.544	3.538	-0.006
55	22	3.543	3.538	-0.005
55	23	3.537	3.532	-0.005
55	24	3.552	3.544	-0.008
55	25	3.539	3.530	-0.009
55	26	3.561	3.554	-0.007
55	27	3.544	3.533	-0.011
55	28	3.542	3.530	-0.012
55	29	3.527	3.524	-0.003
55	30	3.548	3.536	-0.012
55	31	3.526	3.514	-0.012
55	32	3.542	3.538	-0.004
55	33	3.538	3.527	-0.011
55	34	3.544	3.532	-0.012
55	35	3.554	3.540	-0.014
55	36	3.541	3.529	-0.012
55	37	3.545	3.539	-0.006
55	38	3.542	3.532	-0.010
55	39	3.527	3.521	-0.006
55	40	3.548	3.529	-0.019
55	41	3.538	3.535	-0.003
55	42	3.549	3.537	-0.012
50	43	3.546	3.544	-0.002
50	44	3.538	3.540	0.002
50	45	3.541	3.542	0.001
50	46	3.529	3.524	-0.005
50	47	3.523	3.522	-0.001
	Max	3.561	3.554	0.003
	Average	3.541	3.535	-0.006
	Min	3.523	3.514	-0.019
	Std Dev	0.008	0.009	0.005

6.34_UVLO_VLDO_RISE_1MHz							
Test Site							
Tester							
Test Number							
Max Limit	3.66	V					
Min Limit	3.44	V					
krad(Si)	0	20	25	30	35	50	55
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.547	3.532	3.525	3.532	3.520	3.522	3.514
Average	3.547	3.539	3.535	3.538	3.537	3.534	3.533
Max	3.547	3.544	3.553	3.542	3.551	3.544	3.554
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660



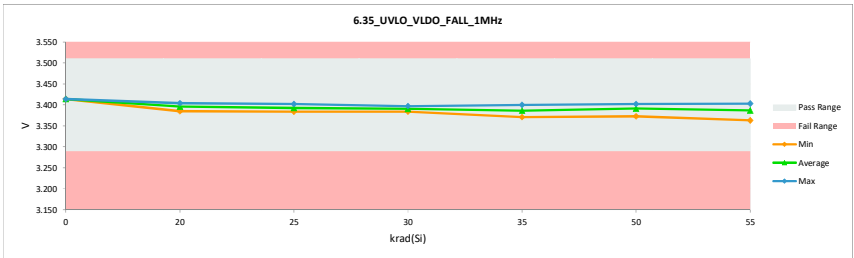
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.35_UVLO_VLDO_FALL_1MHz	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	3.51 3.51
Min Limit	3.29 3.29



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.413	3.414	0.001
25	1	3.394	3.388	-0.006
25	2	3.398	3.393	-0.005
25	3	3.383	3.384	0.001
25	4	3.412	3.402	-0.010
25	5	3.399	3.397	-0.002
20	6	3.409	3.404	-0.005
20	7	3.402	3.400	-0.002
20	8	3.387	3.385	-0.002
20	9	3.391	3.391	0.000
20	10	3.400	3.400	0.000
35	11	3.403	3.400	-0.003
35	12	3.389	3.384	-0.005
35	13	3.387	3.383	-0.004
35	14	3.378	3.371	-0.007
35	15	3.398	3.393	-0.005
30	16	3.388	3.389	0.001
30	17	3.398	3.393	-0.005
30	18	3.383	3.384	0.001
30	19	3.401	3.397	-0.004
30	20	3.390	3.391	0.001
55	21	3.396	3.389	-0.007
55	22	3.398	3.386	-0.012
55	23	3.392	3.382	-0.010
55	24	3.404	3.393	-0.011
55	25	3.392	3.381	-0.011
55	26	3.409	3.403	-0.006
55	27	3.399	3.390	-0.009
55	28	3.400	3.392	-0.008
55	29	3.388	3.382	-0.006
55	30	3.397	3.386	-0.011
55	31	3.375	3.363	-0.012
55	32	3.398	3.394	-0.004
55	33	3.389	3.377	-0.012
55	34	3.399	3.392	-0.007
55	35	3.404	3.398	-0.006
55	36	3.393	3.387	-0.006
55	37	3.405	3.400	-0.005
55	38	3.390	3.382	-0.008
55	39	3.382	3.372	-0.010
55	40	3.395	3.382	-0.013
55	41	3.392	3.390	-0.002
55	42	3.396	3.391	-0.005
50	43	3.396	3.397	0.001
50	44	3.397	3.391	-0.006
50	45	3.391	3.393	0.002
50	46	3.403	3.402	-0.001
50	47	3.371	3.373	0.002
	Max	3.413	3.414	0.002
	Average	3.395	3.390	-0.005
	Min	3.371	3.363	-0.013
	Std Dev	0.009	0.010	0.004

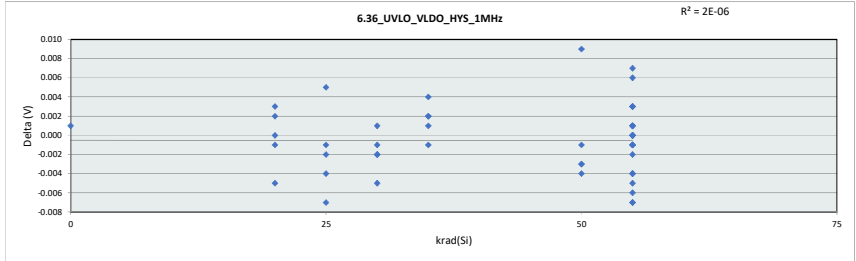
6.35_UVLO_VLDO_FALL_1MHz							
Test Site							
Tester							
Test Number							
Max Limit	3.51 V						
Min Limit	3.29 V						
krad(Si)	0	20	25	30	35	50	55
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.414	3.385	3.384	3.384	3.371	3.373	3.363
Average	3.414	3.396	3.393	3.391	3.386	3.391	3.387
Max	3.414	3.404	3.402	3.397	3.400	3.402	3.403
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510



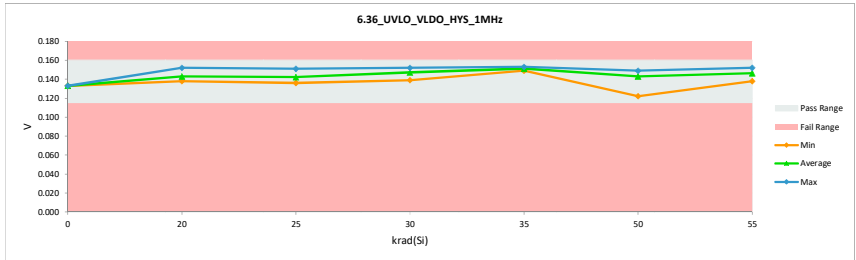
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.36_UVLO_VLDO_HYS_1MHZ		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.16	0.16
Min Limit	0.115	0.115

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.132	0.133	0.001
25	1	0.142	0.138	-0.004
25	2	0.147	0.146	-0.001
25	3	0.147	0.140	-0.007
25	4	0.146	0.151	0.005
25	5	0.138	0.136	-0.002
20	6	0.137	0.139	0.002
20	7	0.143	0.138	-0.005
20	8	0.152	0.152	0.000
20	9	0.143	0.142	-0.001
20	10	0.141	0.144	0.003
35	11	0.149	0.151	0.002
35	12	0.150	0.152	0.002
35	13	0.147	0.151	0.004
35	14	0.150	0.149	-0.001
35	15	0.152	0.153	0.001
30	16	0.153	0.152	-0.001
30	17	0.154	0.149	-0.005
30	18	0.150	0.148	-0.002
30	19	0.138	0.139	0.001
30	20	0.150	0.148	-0.002
55	21	0.148	0.149	0.001
55	22	0.145	0.152	0.007
55	23	0.145	0.151	0.006
55	24	0.147	0.150	0.003
55	25	0.147	0.148	0.001
55	26	0.152	0.151	-0.001
55	27	0.144	0.144	0.000
55	28	0.142	0.138	-0.004
55	29	0.139	0.142	0.003
55	30	0.150	0.150	0.000
55	31	0.150	0.151	0.001
55	32	0.144	0.144	0.000
55	33	0.150	0.150	0.000
55	34	0.145	0.141	-0.004
55	35	0.150	0.143	-0.007
55	36	0.148	0.143	-0.005
55	37	0.140	0.139	-0.001
55	38	0.152	0.150	-0.002
55	39	0.145	0.148	0.003
55	40	0.153	0.147	-0.006
55	41	0.146	0.145	-0.001
55	42	0.153	0.146	-0.007
50	43	0.150	0.147	-0.003
50	44	0.140	0.149	0.009
50	45	0.150	0.149	-0.001
50	46	0.126	0.122	-0.004
50	47	0.151	0.148	-0.003
	Max	0.154	0.153	0.009
	Average	0.146	0.146	-0.001
	Min	0.126	0.122	-0.007
	Std Dev	0.006	0.006	0.004

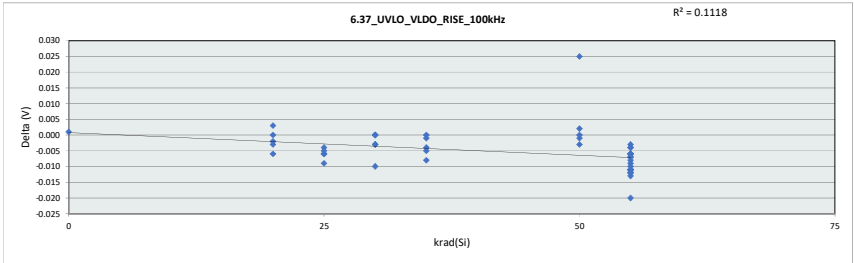


6.36_UVLO_VLDO_HYS_1MHZ							
Test Site							
Tester							
Test Number							
Max Limit	0.16	V					
Min Limit	0.115	V					
krad(Si)	0	20	25	30	35	50	55
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.133	0.138	0.136	0.139	0.149	0.122	0.138
Average	0.133	0.143	0.142	0.147	0.151	0.143	0.146
Max	0.133	0.152	0.151	0.152	0.153	0.149	0.152
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

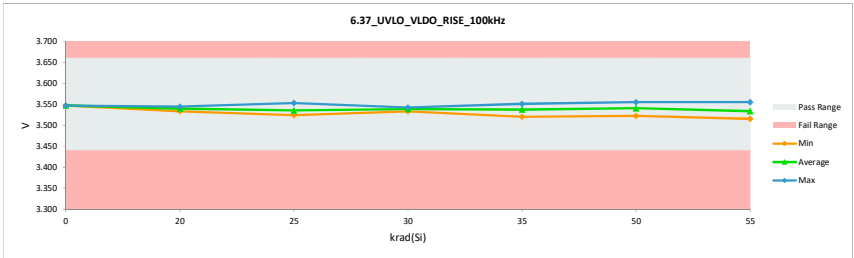
6.37_UVLO_VLDO_RISE_100kHz	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	3.66 3.66
Min Limit	3.44 3.44



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.546	3.547	0.001
25	1	3.536	3.527	-0.009
25	2	3.545	3.539	-0.006
25	3	3.530	3.524	-0.006
25	4	3.557	3.553	-0.004
25	5	3.537	3.532	-0.005
20	6	3.546	3.543	-0.003
20	7	3.545	3.539	-0.006
20	8	3.538	3.538	0.000
20	9	3.535	3.533	-0.002
20	10	3.541	3.544	0.003
35	11	3.552	3.551	-0.001
35	12	3.539	3.535	-0.004
35	13	3.534	3.534	0.000
35	14	3.528	3.520	-0.008
35	15	3.551	3.546	-0.005
30	16	3.541	3.541	0.000
30	17	3.552	3.542	-0.010
30	18	3.533	3.533	0.000
30	19	3.540	3.537	-0.003
30	20	3.542	3.539	-0.003
55	21	3.545	3.537	-0.008
55	22	3.544	3.537	-0.007
55	23	3.536	3.533	-0.003
55	24	3.552	3.543	-0.009
55	25	3.540	3.529	-0.011
55	26	3.561	3.555	-0.006
55	27	3.544	3.533	-0.011
55	28	3.541	3.530	-0.011
55	29	3.527	3.523	-0.004
55	30	3.548	3.537	-0.011
55	31	3.526	3.515	-0.011
55	32	3.542	3.538	-0.004
55	33	3.539	3.528	-0.011
55	34	3.545	3.533	-0.012
55	35	3.553	3.541	-0.012
55	36	3.542	3.529	-0.013
55	37	3.546	3.540	-0.006
55	38	3.542	3.532	-0.010
55	39	3.526	3.520	-0.006
55	40	3.549	3.529	-0.020
55	41	3.539	3.532	-0.007
55	42	3.549	3.538	-0.011
50	43	3.547	3.544	-0.003
50	44	3.538	3.540	0.002
50	45	3.541	3.541	0.000
50	46	3.530	3.555	0.025
50	47	3.523	3.522	-0.001
Max		3.561	3.555	0.025
Average		3.541	3.536	-0.005
Min		3.523	3.515	-0.020
Std Dev		0.008	0.009	0.007

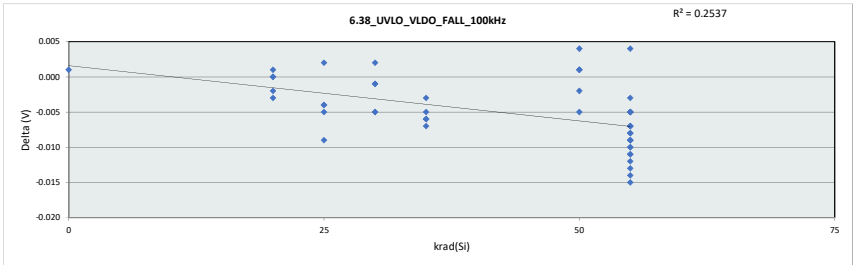
6.37_UVLO_VLDO_RISE_100kHz	
Test Site	
Tester	
Test Number	
Max Limit	3.66 V
Min Limit	3.44 V

krad(Si)	0	20	25	30	35	50	55
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.547	3.533	3.524	3.533	3.520	3.522	3.515
Average	3.547	3.539	3.535	3.538	3.537	3.540	3.533
Max	3.547	3.544	3.553	3.542	3.551	3.555	3.555
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660



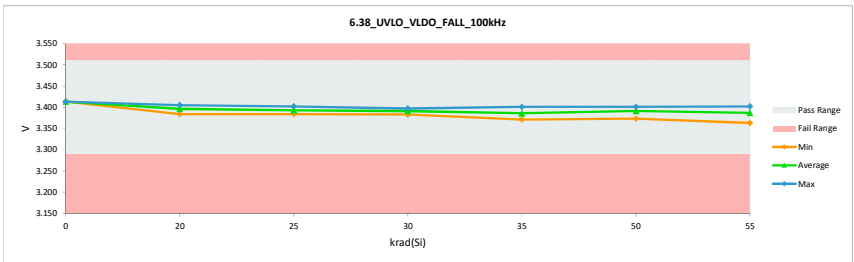
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.38_UVLO_VLDO_FALL_100kHz	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	3.51 3.51
Min Limit	3.29 3.29



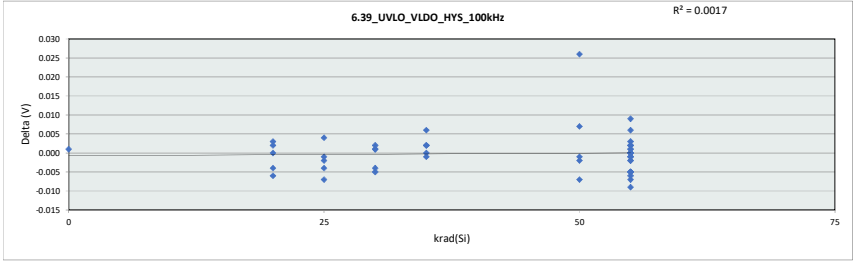
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.412	3.413	0.001
25	1	3.394	3.389	-0.005
25	2	3.396	3.392	-0.004
25	3	3.382	3.384	0.002
25	4	3.411	3.402	-0.009
25	5	3.400	3.396	-0.004
20	6	3.408	3.405	-0.003
20	7	3.401	3.401	0.000
20	8	3.386	3.384	-0.002
20	9	3.391	3.392	0.001
20	10	3.400	3.400	0.000
35	11	3.404	3.401	-0.003
35	12	3.389	3.383	-0.006
35	13	3.388	3.382	-0.006
35	14	3.378	3.371	-0.007
35	15	3.398	3.393	-0.005
30	16	3.389	3.388	-0.001
30	17	3.399	3.394	-0.005
30	18	3.384	3.383	-0.001
30	19	3.402	3.397	-0.005
30	20	3.390	3.392	0.002
55	21	3.396	3.389	-0.007
55	22	3.399	3.384	-0.015
55	23	3.392	3.382	-0.010
55	24	3.404	3.393	-0.011
55	25	3.394	3.381	-0.013
55	26	3.409	3.402	-0.007
55	27	3.400	3.390	-0.010
55	28	3.400	3.392	-0.008
55	29	3.387	3.382	-0.005
55	30	3.396	3.387	-0.009
55	31	3.375	3.363	-0.012
55	32	3.397	3.394	-0.003
55	33	3.389	3.378	-0.011
55	34	3.399	3.392	-0.007
55	35	3.403	3.398	-0.005
55	36	3.394	3.386	-0.008
55	37	3.405	3.400	-0.005
55	38	3.390	3.381	-0.009
55	39	3.382	3.373	-0.009
55	40	3.395	3.381	-0.014
55	41	3.386	3.390	0.004
55	42	3.396	3.391	-0.005
50	43	3.394	3.398	0.004
50	44	3.397	3.392	-0.005
50	45	3.391	3.392	0.001
50	46	3.403	3.401	-0.002
50	47	3.372	3.373	0.001
Max		3.412	3.413	0.004
Average		3.395	3.390	-0.005
Min		3.372	3.363	-0.015
Std Dev		0.009	0.010	0.005

6.38_UVLO_VLDO_FALL_100kHz							
Test Site							
Tester							
Test Number							
Max Limit	3.51 V						
Min Limit	3.29 V						
krad(Si)	0	20	25	30	35	50	55
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.413	3.384	3.384	3.383	3.371	3.373	3.363
Average	3.413	3.396	3.393	3.391	3.386	3.391	3.387
Max	3.413	3.405	3.402	3.397	3.401	3.401	3.402
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510



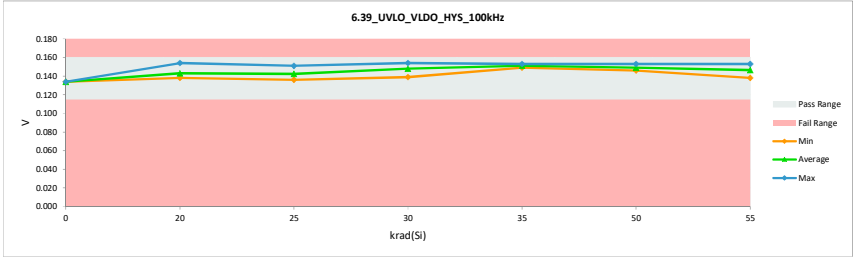
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.39_UVLO_VLDO_HYS_100kHz		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.16	0.16
Min Limit	0.115	0.115



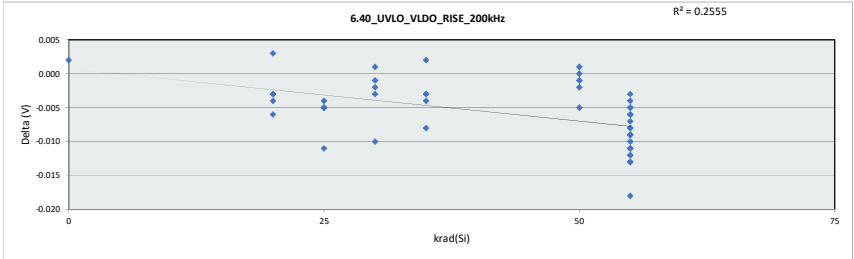
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.133	0.134	0.001
25	1	0.142	0.138	-0.004
25	2	0.149	0.147	-0.002
25	3	0.147	0.140	-0.007
25	4	0.147	0.151	0.004
25	5	0.137	0.136	-0.001
20	6	0.138	0.138	0.000
20	7	0.144	0.138	-0.006
20	8	0.152	0.154	0.002
20	9	0.145	0.141	-0.004
20	10	0.141	0.144	0.003
35	11	0.148	0.150	0.002
35	12	0.150	0.152	0.002
35	13	0.146	0.152	0.006
35	14	0.150	0.149	-0.001
35	15	0.153	0.153	0.000
30	16	0.153	0.154	0.001
30	17	0.153	0.148	-0.005
30	18	0.149	0.151	0.002
30	19	0.138	0.139	0.001
30	20	0.152	0.148	-0.004
55	21	0.149	0.148	-0.001
55	22	0.144	0.153	0.009
55	23	0.145	0.151	0.006
55	24	0.148	0.150	0.002
55	25	0.146	0.147	0.001
55	26	0.152	0.152	0.000
55	27	0.144	0.144	0.000
55	28	0.140	0.138	-0.002
55	29	0.139	0.141	0.002
55	30	0.151	0.151	0.000
55	31	0.151	0.152	0.001
55	32	0.145	0.144	-0.001
55	33	0.150	0.150	0.000
55	34	0.146	0.141	-0.005
55	35	0.150	0.143	-0.007
55	36	0.148	0.143	-0.005
55	37	0.141	0.140	-0.001
55	38	0.153	0.151	-0.002
55	39	0.144	0.147	0.003
55	40	0.154	0.148	-0.006
55	41	0.152	0.143	-0.009
55	42	0.152	0.147	-0.005
50	43	0.153	0.146	-0.007
50	44	0.141	0.148	0.007
50	45	0.150	0.149	-0.001
50	46	0.127	0.153	0.026
50	47	0.151	0.149	-0.002
Max		0.154	0.154	0.026
Average		0.147	0.146	0.000
Min		0.127	0.134	-0.009
Std Dev		0.006	0.005	0.005

6.39_UVLO_VLDO_HYS_100kHz							
Test Site							
Tester							
Test Number							
Max Limit	0.16	V					
Min Limit	0.115	V					
krad(Si)	0	20	25	30	35	50	55
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.134	0.138	0.136	0.139	0.149	0.146	0.138
Average	0.134	0.143	0.142	0.148	0.151	0.149	0.147
Max	0.134	0.154	0.151	0.154	0.153	0.153	0.153
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160



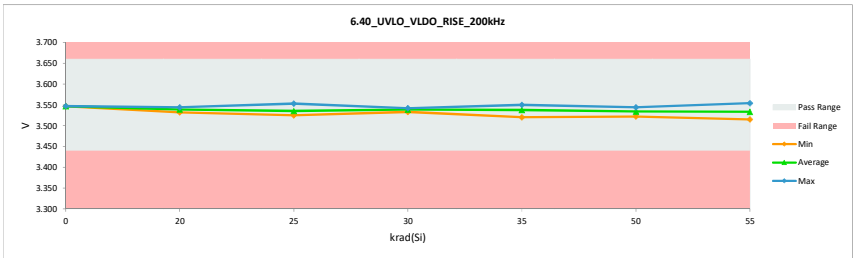
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.40_UVLO_VLDO_RISE_200kHz		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.66	3.66
Min Limit	3.44	3.44



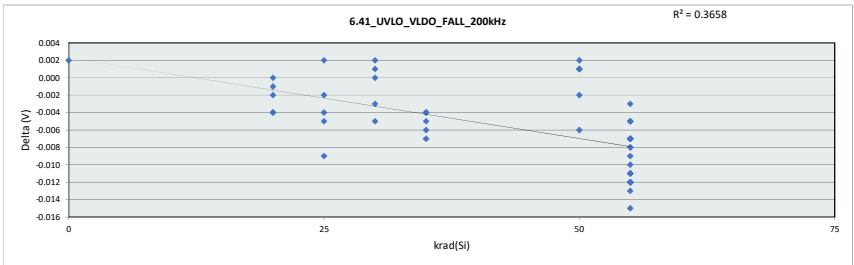
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.545	3.547	0.002
25	1	3.537	3.526	-0.011
25	2	3.545	3.540	-0.005
25	3	3.530	3.525	-0.005
25	4	3.558	3.553	-0.005
25	5	3.537	3.533	-0.004
20	6	3.546	3.543	-0.003
20	7	3.545	3.539	-0.006
20	8	3.540	3.537	-0.003
20	9	3.536	3.532	-0.004
20	10	3.541	3.544	0.003
35	11	3.553	3.550	-0.003
35	12	3.539	3.536	-0.003
35	13	3.533	3.535	0.002
35	14	3.528	3.520	-0.008
35	15	3.551	3.547	-0.004
30	16	3.541	3.542	0.001
30	17	3.552	3.542	-0.010
30	18	3.534	3.533	-0.001
30	19	3.539	3.537	-0.002
30	20	3.542	3.539	-0.003
55	21	3.545	3.537	-0.008
55	22	3.544	3.538	-0.006
55	23	3.538	3.533	-0.005
55	24	3.552	3.544	-0.008
55	25	3.540	3.529	-0.011
55	26	3.561	3.554	-0.007
55	27	3.543	3.534	-0.009
55	28	3.540	3.530	-0.010
55	29	3.526	3.523	-0.003
55	30	3.548	3.536	-0.012
55	31	3.526	3.515	-0.011
55	32	3.542	3.538	-0.004
55	33	3.538	3.527	-0.011
55	34	3.545	3.532	-0.013
55	35	3.554	3.541	-0.013
55	36	3.541	3.529	-0.012
55	37	3.546	3.540	-0.006
55	38	3.542	3.533	-0.009
55	39	3.525	3.520	-0.005
55	40	3.548	3.530	-0.018
55	41	3.539	3.533	-0.006
55	42	3.547	3.538	-0.009
50	43	3.546	3.544	-0.002
50	44	3.538	3.539	0.001
50	45	3.541	3.541	0.000
50	46	3.530	3.525	-0.005
50	47	3.523	3.522	-0.001
	Max	3.561	3.554	0.003
	Average	3.541	3.536	-0.006
	Min	3.523	3.515	-0.018
	Std Dev	0.008	0.009	0.005

6.40_UVLO_VLDO_RISE_200kHz							
Test Site							
Tester							
Test Number							
Max Limit	3.66	V					
Min Limit	3.44	V					
krad(Si)	0	20	25	30	35	50	55
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.547	3.532	3.525	3.533	3.520	3.522	3.515
Average	3.547	3.539	3.535	3.539	3.538	3.534	3.533
Max	3.547	3.544	3.553	3.542	3.550	3.544	3.554
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

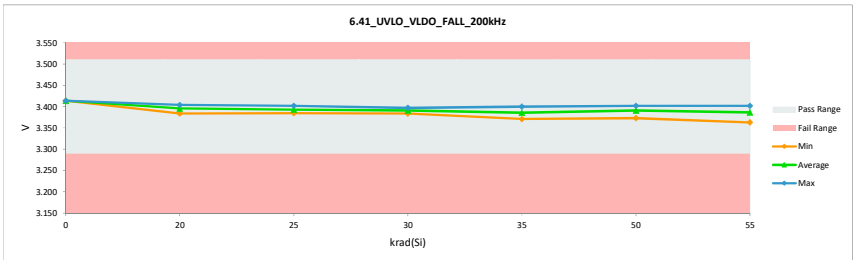
6.41_UVLO_VLDO_FALL_200kHz		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.51	3.51
Min Limit	3.29	3.29



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.412	3.414	0.002
25	1	3.394	3.389	-0.005
25	2	3.397	3.393	-0.004
25	3	3.383	3.385	0.002
25	4	3.411	3.402	-0.009
25	5	3.399	3.397	-0.002
20	6	3.408	3.404	-0.004
20	7	3.401	3.401	0.000
20	8	3.388	3.384	-0.004
20	9	3.392	3.390	-0.002
20	10	3.401	3.400	-0.001
35	11	3.404	3.400	-0.004
35	12	3.389	3.384	-0.005
35	13	3.387	3.381	-0.006
35	14	3.378	3.371	-0.007
35	15	3.397	3.393	-0.004
30	16	3.389	3.389	0.000
30	17	3.399	3.394	-0.005
30	18	3.383	3.384	0.001
30	19	3.400	3.397	-0.003
30	20	3.390	3.392	0.002
55	21	3.397	3.388	-0.009
55	22	3.400	3.385	-0.015
55	23	3.392	3.382	-0.010
55	24	3.404	3.393	-0.011
55	25	3.394	3.382	-0.012
55	26	3.410	3.402	-0.008
55	27	3.401	3.390	-0.011
55	28	3.400	3.393	-0.007
55	29	3.388	3.381	-0.007
55	30	3.397	3.386	-0.011
55	31	3.376	3.363	-0.013
55	32	3.398	3.393	-0.005
55	33	3.389	3.377	-0.012
55	34	3.399	3.392	-0.007
55	35	3.404	3.397	-0.007
55	36	3.398	3.386	-0.012
55	37	3.404	3.399	-0.005
55	38	3.390	3.382	-0.008
55	39	3.383	3.372	-0.011
55	40	3.395	3.383	-0.012
55	41	3.392	3.389	-0.003
55	42	3.396	3.391	-0.005
50	43	3.395	3.397	0.002
50	44	3.397	3.391	-0.006
50	45	3.391	3.392	0.001
50	46	3.404	3.402	-0.002
50	47	3.372	3.373	0.001
Max		3.412	3.414	0.002
Average		3.395	3.390	-0.005
Min		3.372	3.363	-0.015
Std Dev		0.009	0.010	0.005

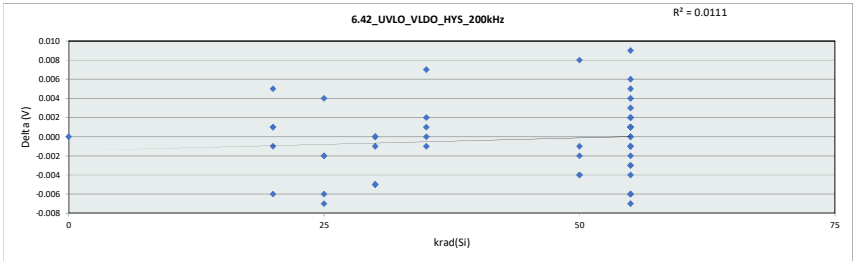
6.41_UVLO_VLDO_FALL_200kHz		
Test Site		
Tester		
Test Number		
Max Limit	3.51	V
Min Limit	3.29	V

krad(Si)	0	20	25	30	35	50	55
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.414	3.384	3.385	3.384	3.371	3.373	3.363
Average	3.414	3.396	3.393	3.391	3.386	3.391	3.387
Max	3.414	3.404	3.402	3.397	3.400	3.402	3.402
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

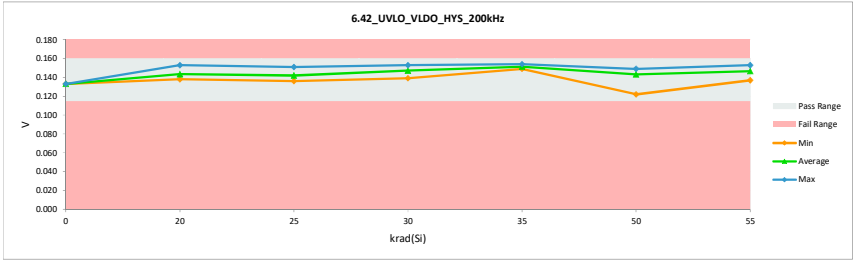
6.42_UVLO_VLDO_HYS_200kHz	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.16
Min Limit	0.115



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.133	0.133	0.000
25	1	0.143	0.137	-0.006
25	2	0.148	0.146	-0.002
25	3	0.147	0.140	-0.007
25	4	0.147	0.151	0.004
25	5	0.138	0.136	-0.002
20	6	0.138	0.139	0.001
20	7	0.144	0.138	-0.006
20	8	0.152	0.153	0.001
20	9	0.144	0.143	-0.001
20	10	0.140	0.145	0.005
35	11	0.149	0.150	0.001
35	12	0.149	0.151	0.002
35	13	0.146	0.153	0.007
35	14	0.150	0.149	-0.001
35	15	0.154	0.154	0.000
30	16	0.153	0.153	0.000
30	17	0.153	0.148	-0.005
30	18	0.150	0.149	-0.001
30	19	0.139	0.139	0.000
30	20	0.152	0.147	-0.005
55	21	0.148	0.148	0.000
55	22	0.144	0.153	0.009
55	23	0.145	0.151	0.006
55	24	0.148	0.151	0.003
55	25	0.146	0.147	0.001
55	26	0.151	0.152	0.001
55	27	0.143	0.144	0.001
55	28	0.140	0.137	-0.003
55	29	0.138	0.142	0.004
55	30	0.151	0.151	0.000
55	31	0.150	0.152	0.002
55	32	0.144	0.145	0.001
55	33	0.149	0.151	0.002
55	34	0.146	0.140	-0.006
55	35	0.151	0.144	-0.007
55	36	0.144	0.143	-0.001
55	37	0.142	0.140	-0.002
55	38	0.152	0.151	-0.001
55	39	0.143	0.148	0.005
55	40	0.153	0.147	-0.006
55	41	0.147	0.144	-0.003
55	42	0.151	0.147	-0.004
50	43	0.151	0.147	-0.004
50	44	0.141	0.149	0.008
50	45	0.150	0.149	-0.001
50	46	0.126	0.122	-0.004
50	47	0.151	0.149	-0.002
Max		0.154	0.154	0.009
Average		0.146	0.146	0.000
Min		0.126	0.122	-0.007
Std Dev		0.006	0.006	0.004

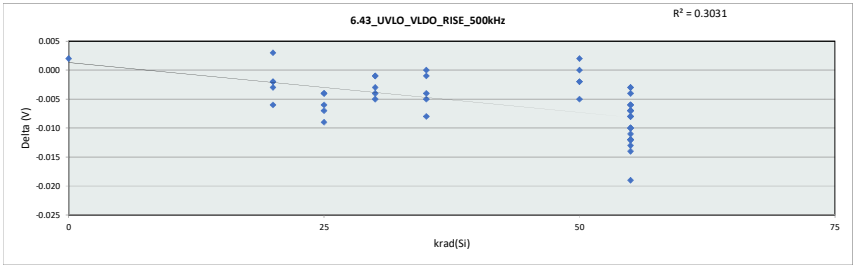
6.42_UVLO_VLDO_HYS_200kHz	
Test Site	
Tester	
Test Number	
Max Limit	0.16
Min Limit	0.115

krad(Si)	0	20	25	30	35	50	55
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.133	0.138	0.136	0.139	0.149	0.122	0.137
Average	0.133	0.144	0.142	0.147	0.151	0.143	0.147
Max	0.133	0.153	0.151	0.153	0.154	0.149	0.153
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160



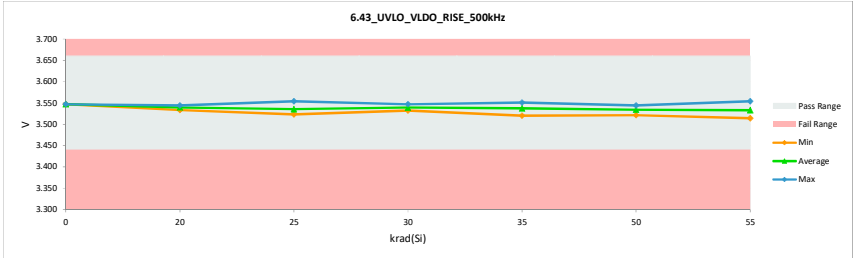
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.43_UVLO_VLDO_RISE_500kHz		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.66	3.66
Min Limit	3.44	3.44



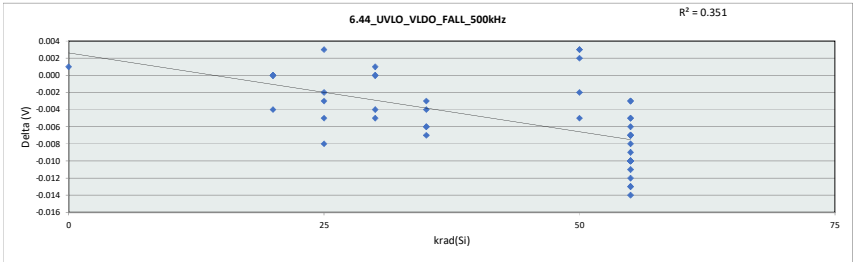
krad(Si)	Serial #	5008_SEP_Pre	HDR 5008_SEP_Post	Delta
0	48	3.545	3.547	0.002
25	1	3.536	3.527	-0.009
25	2	3.545	3.539	-0.006
25	3	3.530	3.523	-0.007
25	4	3.558	3.554	-0.004
25	5	3.537	3.533	-0.004
20	6	3.546	3.543	-0.003
20	7	3.545	3.539	-0.006
20	8	3.539	3.537	-0.002
20	9	3.535	3.533	-0.002
20	10	3.541	3.544	0.003
35	11	3.552	3.551	-0.001
35	12	3.539	3.535	-0.004
35	13	3.534	3.534	0.000
35	14	3.528	3.520	-0.008
35	15	3.551	3.546	-0.005
30	16	3.542	3.541	-0.001
30	17	3.552	3.547	-0.005
30	18	3.533	3.532	-0.001
30	19	3.540	3.536	-0.004
30	20	3.542	3.539	-0.003
55	21	3.545	3.537	-0.008
55	22	3.544	3.537	-0.007
55	23	3.536	3.533	-0.003
55	24	3.552	3.544	-0.008
55	25	3.540	3.530	-0.010
55	26	3.561	3.554	-0.007
55	27	3.544	3.532	-0.012
55	28	3.540	3.530	-0.010
55	29	3.526	3.523	-0.003
55	30	3.548	3.536	-0.012
55	31	3.526	3.514	-0.012
55	32	3.542	3.538	-0.004
55	33	3.538	3.527	-0.011
55	34	3.544	3.532	-0.012
55	35	3.554	3.540	-0.014
55	36	3.541	3.528	-0.013
55	37	3.546	3.539	-0.007
55	38	3.542	3.532	-0.010
55	39	3.526	3.520	-0.006
55	40	3.548	3.529	-0.019
55	41	3.539	3.533	-0.006
55	42	3.549	3.537	-0.012
50	43	3.546	3.544	-0.002
50	44	3.537	3.539	0.002
50	45	3.541	3.541	0.000
50	46	3.530	3.525	-0.005
50	47	3.523	3.521	-0.002
	Max	3.561	3.554	0.003
	Average	3.541	3.535	-0.006
	Min	3.523	3.514	-0.019
	Std Dev	0.008	0.009	0.005

6.43_UVLO_VLDO_RISE_500kHz							
Test Site							
Tester							
Test Number							
Max Limit	3.66	V					
Min Limit	3.44	V					
krad(Si)	0	20	25	30	35	50	55
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.547	3.533	3.523	3.532	3.520	3.521	3.514
Average	3.547	3.539	3.535	3.539	3.537	3.534	3.533
Max	3.547	3.544	3.554	3.547	3.551	3.544	3.554
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

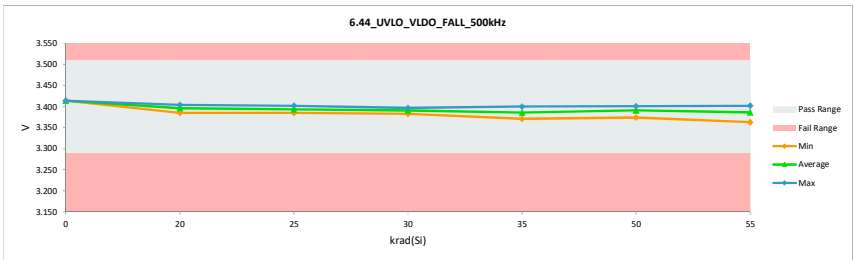
6.44_UVLO_VLDO_FALL_500kHz	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	3.51 3.51
Min Limit	3.29 3.29



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.413	3.414	0.001
25	1	3.394	3.389	-0.005
25	2	3.397	3.394	-0.003
25	3	3.382	3.385	0.003
25	4	3.410	3.402	-0.008
25	5	3.399	3.397	-0.002
20	6	3.408	3.404	-0.004
20	7	3.401	3.401	0.000
20	8	3.385	3.385	0.000
20	9	3.391	3.391	0.000
20	10	3.400	3.400	0.000
35	11	3.404	3.400	-0.004
35	12	3.390	3.383	-0.007
35	13	3.387	3.381	-0.006
35	14	3.377	3.371	-0.006
35	15	3.397	3.394	-0.003
30	16	3.389	3.389	0.000
30	17	3.399	3.394	-0.005
30	18	3.383	3.383	0.000
30	19	3.401	3.397	-0.004
30	20	3.390	3.391	0.001
55	21	3.397	3.388	-0.009
55	22	3.399	3.385	-0.014
55	23	3.391	3.381	-0.010
55	24	3.404	3.394	-0.010
55	25	3.393	3.383	-0.010
55	26	3.408	3.402	-0.006
55	27	3.400	3.390	-0.010
55	28	3.400	3.392	-0.008
55	29	3.386	3.381	-0.005
55	30	3.396	3.386	-0.010
55	31	3.375	3.363	-0.012
55	32	3.396	3.393	-0.003
55	33	3.388	3.378	-0.010
55	34	3.399	3.392	-0.007
55	35	3.404	3.397	-0.007
55	36	3.398	3.387	-0.011
55	37	3.405	3.400	-0.005
55	38	3.393	3.380	-0.013
55	39	3.382	3.372	-0.010
55	40	3.394	3.381	-0.013
55	41	3.393	3.390	-0.003
55	42	3.396	3.389	-0.007
50	43	3.394	3.397	0.003
50	44	3.396	3.391	-0.005
50	45	3.391	3.393	0.002
50	46	3.403	3.401	-0.002
50	47	3.371	3.374	0.003
Max		3.413	3.414	0.003
Average		3.395	3.390	-0.005
Min		3.371	3.363	-0.014
Std Dev		0.009	0.010	0.005

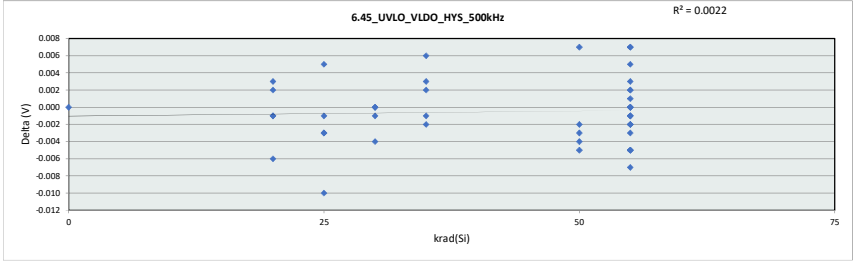
6.44_UVLO_VLDO_FALL_500kHz	
Test Site	
Tester	
Test Number	
Max Limit	3.51 V
Min Limit	3.29 V

krad(Si)	0	20	25	30	35	50	55
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.414	3.385	3.385	3.383	3.371	3.374	3.363
Average	3.414	3.396	3.393	3.391	3.386	3.391	3.387
Max	3.414	3.404	3.402	3.397	3.400	3.401	3.402
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

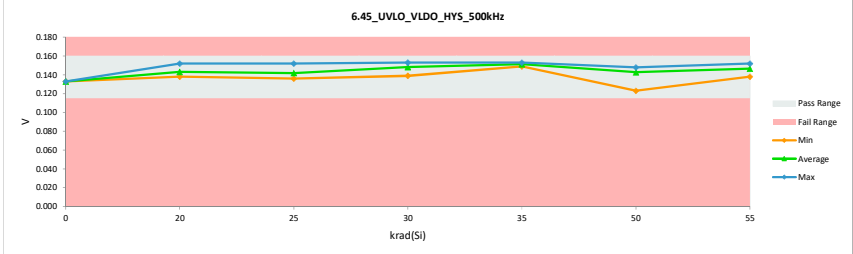
6.45_UVLO_VLDO_HYS_500kHz	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.16
Min Limit	0.115



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.133	0.133	0.000
25	1	0.142	0.139	-0.003
25	2	0.148	0.145	-0.003
25	3	0.148	0.138	-0.010
25	4	0.147	0.152	0.005
25	5	0.137	0.136	-0.001
20	6	0.137	0.139	0.002
20	7	0.144	0.138	-0.006
20	8	0.153	0.152	-0.001
20	9	0.144	0.143	-0.001
20	10	0.141	0.144	0.003
35	11	0.148	0.151	0.003
35	12	0.150	0.152	0.002
35	13	0.147	0.153	0.006
35	14	0.150	0.149	-0.001
35	15	0.154	0.152	-0.002
30	16	0.153	0.153	0.000
30	17	0.153	0.153	0.000
30	18	0.150	0.149	-0.001
30	19	0.139	0.139	0.000
30	20	0.152	0.148	-0.004
55	21	0.148	0.149	0.001
55	22	0.145	0.152	0.007
55	23	0.145	0.152	0.007
55	24	0.148	0.150	0.002
55	25	0.147	0.147	0.000
55	26	0.153	0.152	-0.001
55	27	0.144	0.142	-0.002
55	28	0.140	0.138	-0.002
55	29	0.140	0.142	0.002
55	30	0.152	0.151	-0.001
55	31	0.151	0.151	0.000
55	32	0.145	0.145	0.000
55	33	0.150	0.150	0.000
55	34	0.145	0.140	-0.005
55	35	0.150	0.143	-0.007
55	36	0.143	0.142	-0.001
55	37	0.141	0.139	-0.002
55	38	0.149	0.152	0.003
55	39	0.143	0.148	0.005
55	40	0.153	0.148	-0.005
55	41	0.146	0.143	-0.003
55	42	0.153	0.148	-0.005
50	43	0.152	0.147	-0.005
50	44	0.141	0.148	0.007
50	45	0.150	0.148	-0.002
50	46	0.126	0.123	-0.003
50	47	0.152	0.148	-0.004
	Max	0.154	0.153	0.007
	Average	0.146	0.146	-0.001
	Min	0.126	0.123	-0.010
	Std Dev	0.006	0.006	0.004

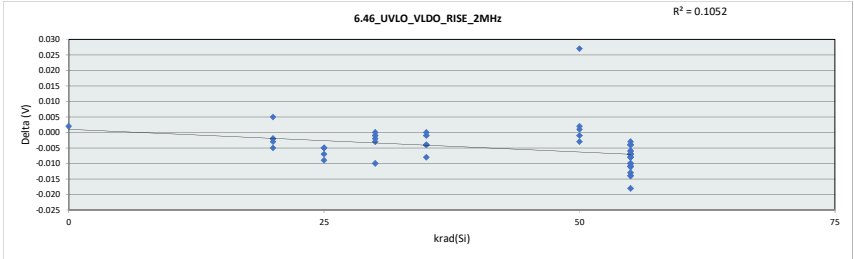
6.45_UVLO_VLDO_HYS_500kHz	
Test Site	
Tester	
Test Number	
Max Limit	0.16
Min Limit	0.115

krad(Si)	0	20	25	30	35	50	55
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.133	0.138	0.136	0.139	0.149	0.123	0.138
Average	0.133	0.143	0.142	0.148	0.151	0.143	0.147
Max	0.133	0.152	0.152	0.153	0.153	0.148	0.152
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

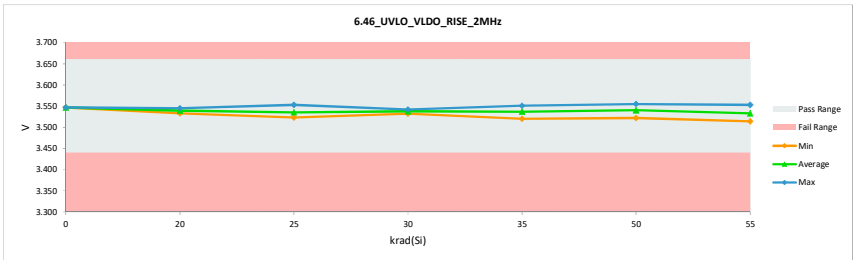
6.46_UVLO_VLDO_RISE_2MHz	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	3.66 3.66
Min Limit	3.44 3.44



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.545	3.547	0.002
25	1	3.536	3.527	-0.009
25	2	3.545	3.540	-0.005
25	3	3.530	3.523	-0.007
25	4	3.558	3.553	-0.005
25	5	3.538	3.533	-0.005
20	6	3.545	3.543	-0.002
20	7	3.544	3.539	-0.005
20	8	3.540	3.537	-0.003
20	9	3.535	3.533	-0.002
20	10	3.540	3.545	0.005
35	11	3.551	3.551	0.000
35	12	3.539	3.535	-0.004
35	13	3.534	3.533	-0.001
35	14	3.528	3.520	-0.008
35	15	3.550	3.546	-0.004
30	16	3.542	3.541	-0.001
30	17	3.552	3.542	-0.010
30	18	3.532	3.532	0.000
30	19	3.539	3.536	-0.003
30	20	3.541	3.539	-0.002
55	21	3.546	3.538	-0.008
55	22	3.544	3.537	-0.007
55	23	3.536	3.532	-0.004
55	24	3.551	3.543	-0.008
55	25	3.540	3.530	-0.010
55	26	3.560	3.553	-0.007
55	27	3.544	3.533	-0.011
55	28	3.541	3.530	-0.011
55	29	3.526	3.523	-0.003
55	30	3.548	3.537	-0.011
55	31	3.527	3.514	-0.013
55	32	3.542	3.538	-0.004
55	33	3.538	3.527	-0.011
55	34	3.544	3.533	-0.011
55	35	3.554	3.540	-0.014
55	36	3.542	3.528	-0.014
55	37	3.546	3.539	-0.007
55	38	3.541	3.533	-0.008
55	39	3.526	3.520	-0.006
55	40	3.547	3.529	-0.018
55	41	3.539	3.533	-0.006
55	42	3.548	3.538	-0.010
50	43	3.546	3.543	-0.003
50	44	3.538	3.540	0.002
50	45	3.541	3.542	0.001
50	46	3.528	3.555	0.027
50	47	3.523	3.522	-0.001
Max		3.560	3.555	0.027
Average		3.541	3.536	-0.005
Min		3.523	3.514	-0.018
Std Dev		0.008	0.009	0.007

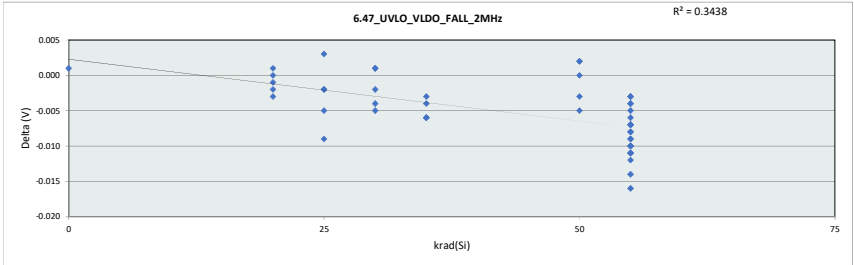
6.46_UVLO_VLDO_RISE_2MHz	
Test Site	
Tester	
Test Number	
Max Limit	3.66 V
Min Limit	3.44 V

krad(Si)	0	20	25	30	35	50	55
LL	3.440	3.440	3.440	3.440	3.440	3.440	3.440
Min	3.547	3.533	3.523	3.532	3.520	3.522	3.514
Average	3.547	3.539	3.535	3.538	3.537	3.540	3.533
Max	3.547	3.545	3.553	3.542	3.551	3.555	3.553
UL	3.660	3.660	3.660	3.660	3.660	3.660	3.660



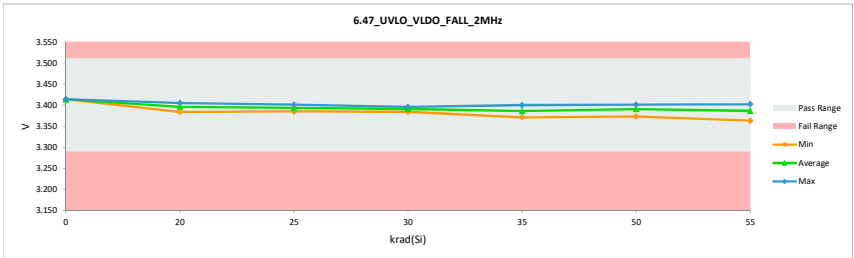
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

6.47_UVLO_VLDO_FALL_2MHz		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.51	3.51
Min Limit	3.29	3.29



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	3.413	3.414	0.001
25	1	3.394	3.389	-0.005
25	2	3.396	3.394	-0.002
25	3	3.382	3.385	0.003
25	4	3.410	3.401	-0.009
25	5	3.399	3.397	-0.002
20	6	3.408	3.405	-0.003
20	7	3.400	3.401	0.001
20	8	3.386	3.384	-0.002
20	9	3.391	3.390	-0.001
20	10	3.400	3.400	0.000
35	11	3.404	3.400	-0.004
35	12	3.390	3.384	-0.006
35	13	3.387	3.381	-0.006
35	14	3.377	3.371	-0.006
35	15	3.397	3.394	-0.003
30	16	3.390	3.388	-0.002
30	17	3.399	3.394	-0.005
30	18	3.383	3.384	0.001
30	19	3.400	3.396	-0.004
30	20	3.391	3.392	0.001
55	21	3.396	3.388	-0.008
55	22	3.399	3.383	-0.016
55	23	3.391	3.381	-0.010
55	24	3.404	3.393	-0.011
55	25	3.393	3.382	-0.011
55	26	3.409	3.402	-0.007
55	27	3.400	3.390	-0.010
55	28	3.399	3.392	-0.007
55	29	3.386	3.382	-0.004
55	30	3.396	3.387	-0.009
55	31	3.375	3.363	-0.012
55	32	3.397	3.394	-0.003
55	33	3.388	3.377	-0.011
55	34	3.398	3.391	-0.007
55	35	3.403	3.397	-0.006
55	36	3.394	3.386	-0.008
55	37	3.405	3.401	-0.004
55	38	3.389	3.380	-0.009
55	39	3.382	3.372	-0.010
55	40	3.395	3.381	-0.014
55	41	3.392	3.389	-0.003
55	42	3.395	3.390	-0.005
50	43	3.394	3.396	0.002
50	44	3.396	3.391	-0.005
50	45	3.392	3.392	0.000
50	46	3.404	3.401	-0.003
50	47	3.371	3.373	0.002
	Max	3.413	3.414	0.003
	Average	3.395	3.390	-0.005
	Min	3.371	3.363	-0.016
	Std Dev	0.009	0.010	0.004

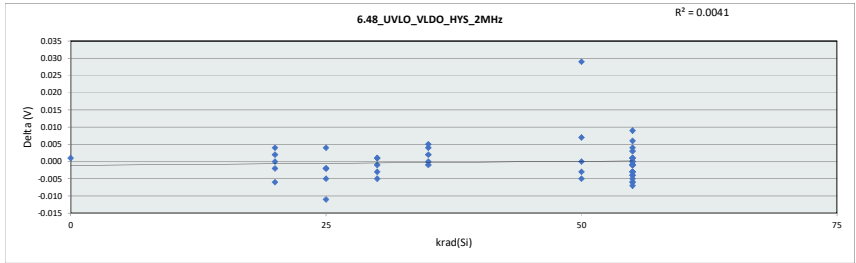
6.47_UVLO_VLDO_FALL_2MHz							
Test Site							
Tester							
Test Number							
Max Limit	3.51	V					
Min Limit	3.29	V					
krad(Si)	0	20	25	30	35	50	55
LL	3.290	3.290	3.290	3.290	3.290	3.290	3.290
Min	3.414	3.384	3.385	3.384	3.371	3.373	3.363
Average	3.414	3.396	3.393	3.391	3.386	3.391	3.386
Max	3.414	3.405	3.401	3.396	3.400	3.401	3.402
UL	3.510	3.510	3.510	3.510	3.510	3.510	3.510



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

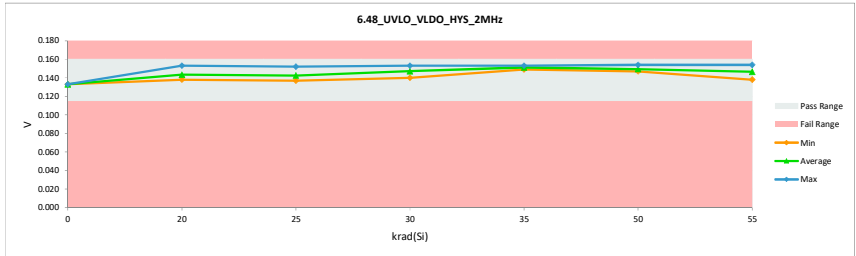
6.48_UVLO_VLDO_HYS_2MHz		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.16	0.16
Min Limit	0.115	0.115

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.132	0.133	0.001
25	1	0.143	0.138	-0.005
25	2	0.149	0.147	-0.002
25	3	0.149	0.138	-0.011
25	4	0.148	0.152	0.004
25	5	0.139	0.137	-0.002
20	6	0.137	0.139	0.002
20	7	0.144	0.138	-0.006
20	8	0.153	0.153	0.000
20	9	0.145	0.143	-0.002
20	10	0.140	0.144	0.004
35	11	0.147	0.151	0.004
35	12	0.149	0.151	0.002
35	13	0.147	0.152	0.005
35	14	0.150	0.149	-0.001
35	15	0.153	0.153	0.000
30	16	0.152	0.153	0.001
30	17	0.153	0.148	-0.005
30	18	0.149	0.148	-0.001
30	19	0.139	0.140	0.001
30	20	0.150	0.147	-0.003
55	21	0.149	0.150	0.001
55	22	0.145	0.154	0.009
55	23	0.145	0.151	0.006
55	24	0.147	0.150	0.003
55	25	0.147	0.148	0.001
55	26	0.152	0.151	-0.001
55	27	0.144	0.143	-0.001
55	28	0.142	0.138	-0.004
55	29	0.140	0.141	0.001
55	30	0.152	0.149	-0.003
55	31	0.152	0.151	-0.001
55	32	0.145	0.145	0.000
55	33	0.150	0.150	0.000
55	34	0.146	0.142	-0.004
55	35	0.150	0.143	-0.007
55	36	0.148	0.142	-0.006
55	37	0.141	0.138	-0.003
55	38	0.152	0.152	0.000
55	39	0.144	0.148	0.004
55	40	0.153	0.148	-0.005
55	41	0.147	0.144	-0.003
55	42	0.153	0.147	-0.006
50	43	0.152	0.147	-0.005
50	44	0.142	0.149	0.007
50	45	0.149	0.149	0.000
50	46	0.125	0.154	0.029
50	47	0.151	0.148	-0.003
Max		0.153	0.154	0.029
Average		0.146	0.146	0.000
Min		0.125	0.133	-0.011
Std Dev		0.006	0.005	0.006



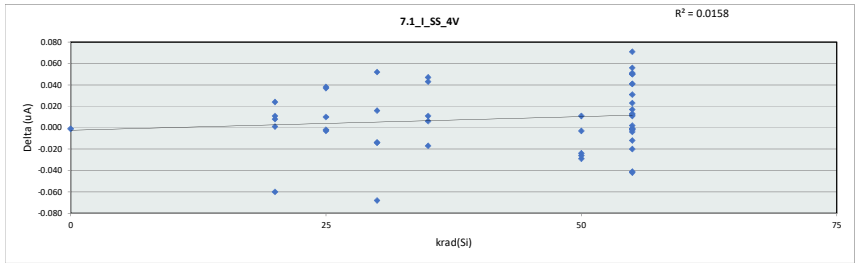
6.48_UVLO_VLDO_HYS_2MHz		
Test Site		
Tester		
Test Number		
Max Limit	0.16	V
Min Limit	0.115	V

krad(Si)	0	20	25	30	35	50	55
LL	0.115	0.115	0.115	0.115	0.115	0.115	0.115
Min	0.133	0.138	0.137	0.140	0.149	0.147	0.138
Average	0.133	0.143	0.142	0.147	0.151	0.149	0.147
Max	0.133	0.153	0.152	0.153	0.153	0.154	0.154
UL	0.160	0.160	0.160	0.160	0.160	0.160	0.160



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

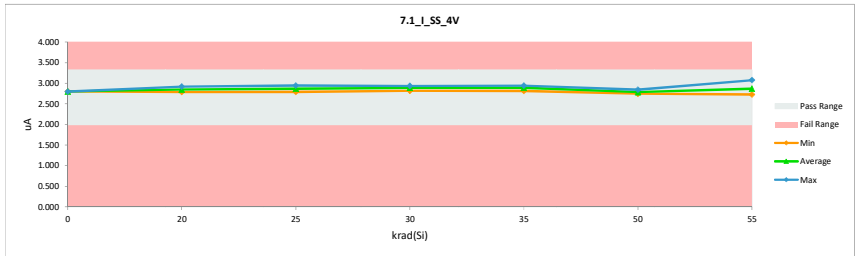
7.1_I_SS_4V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	3.32
Min Limit	1.98



krad(Si)	Serial #	5008_SEP_Pre	HDR 5008_SEP_Post	HDR	Delta
0	48	2.798	2.797		-0.001
25	1	2.789	2.787		-0.002
25	2	2.874	2.911		0.037
25	3	2.908	2.946		0.038
25	4	2.846	2.856		0.010
25	5	2.830	2.827		-0.003
20	6	2.799	2.810		0.011
20	7	2.910	2.918		0.008
20	8	2.846	2.786		-0.060
20	9	2.809	2.833		0.024
20	10	2.886	2.887		0.001
35	11	2.885	2.896		0.011
35	12	2.808	2.855		0.047
35	13	2.768	2.811		0.043
35	14	2.960	2.943		-0.017
35	15	2.937	2.943		0.006
30	16	2.919	2.935		0.016
30	17	2.950	2.882		-0.068
30	18	2.845	2.897		0.052
30	19	2.828	2.814		-0.014
30	20	2.914	2.900		-0.014
55	21	3.023	3.074		0.051
55	22	2.779	2.810		0.031
55	23	2.800	2.780		-0.020
55	24	2.812	2.853		0.041
55	25	2.808	2.821		0.013
55	26	3.001	3.072		0.071
55	27	2.779	2.835		0.056
55	28	2.927	2.926		-0.001
55	29	2.783	2.781		-0.002
55	30	2.741	2.752		0.011
55	31	2.676	2.726		0.050
55	32	2.869	2.910		0.041
55	33	2.978	2.995		0.017
55	34	2.792	2.842		0.050
55	35	2.870	2.858		-0.012
55	36	2.815	2.814		-0.001
55	37	2.835	2.794		-0.041
55	38	2.822	2.845		0.023
55	39	2.846	2.804		-0.042
55	40	2.916	2.912		-0.004
55	41	2.914	2.926		0.012
55	42	2.914	2.916		0.002
50	43	2.783	2.754		-0.029
50	44	2.734	2.745		0.011
50	45	2.801	2.798		-0.003
50	46	2.803	2.779		-0.024
50	47	2.870	2.844		-0.026
	Max	3.023	3.074		0.071
	Average	2.850	2.858		0.008
	Min	2.676	2.726		-0.068
	Std Dev	0.073	0.077		0.031

7.1_I_SS_4V	
Test Site	
Tester	
Test Number	
Max Limit	3.32 uA
Min Limit	1.98 uA

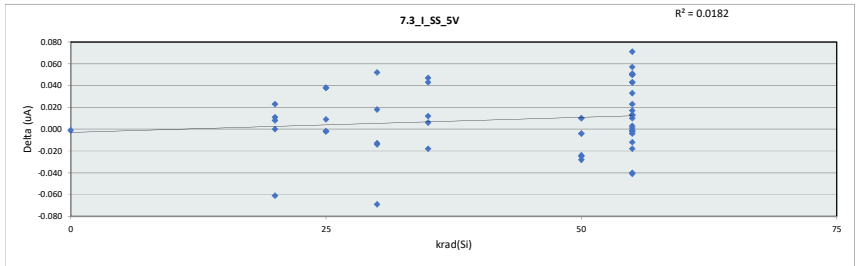
krad(Si)	0	20	25	30	35	50	55
LL	1.980	1.980	1.980	1.980	1.980	1.980	1.980
Min	2.797	2.786	2.787	2.814	2.811	2.745	2.726
Average	2.797	2.847	2.865	2.886	2.890	2.784	2.866
Max	2.797	2.918	2.946	2.935	2.943	2.844	3.074
UL	3.320	3.320	3.320	3.320	3.320	3.320	3.320



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

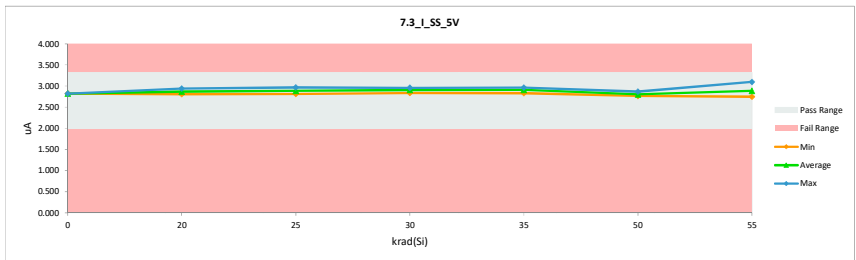
7.3_I_SS_5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	3.32
Min Limit	1.98

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	2.821	2.820	-0.001
25	1	2.812	2.810	-0.002
25	2	2.896	2.934	0.038
25	3	2.930	2.968	0.038
25	4	2.868	2.877	0.009
25	5	2.852	2.850	-0.002
20	6	2.821	2.832	0.011
20	7	2.933	2.941	0.008
20	8	2.869	2.808	-0.061
20	9	2.833	2.856	0.023
20	10	2.909	2.909	0.000
35	11	2.908	2.920	0.012
35	12	2.831	2.878	0.047
35	13	2.790	2.833	0.043
35	14	2.984	2.966	-0.018
35	15	2.960	2.966	0.006
30	16	2.941	2.959	0.018
30	17	2.973	2.904	-0.069
30	18	2.868	2.920	0.052
30	19	2.850	2.837	-0.013
30	20	2.938	2.924	-0.014
55	21	3.047	3.098	0.051
55	22	2.801	2.834	0.033
55	23	2.823	2.805	-0.018
55	24	2.834	2.877	0.043
55	25	2.829	2.842	0.013
55	26	3.025	3.096	0.071
55	27	2.801	2.858	0.057
55	28	2.950	2.949	-0.001
55	29	2.806	2.804	-0.002
55	30	2.763	2.776	0.013
55	31	2.697	2.747	0.050
55	32	2.891	2.934	0.043
55	33	3.002	3.019	0.017
55	34	2.815	2.865	0.050
55	35	2.893	2.881	-0.012
55	36	2.836	2.837	0.001
55	37	2.858	2.818	-0.040
55	38	2.844	2.867	0.023
55	39	2.868	2.827	-0.041
55	40	2.938	2.934	-0.004
55	41	2.938	2.948	0.010
55	42	2.938	2.941	0.003
50	43	2.805	2.777	-0.028
50	44	2.755	2.765	0.010
50	45	2.824	2.820	-0.004
50	46	2.827	2.802	-0.025
50	47	2.891	2.867	-0.024
	Max	3.047	3.098	0.071
	Average	2.873	2.881	0.009
	Min	2.697	2.747	-0.069
	Std Dev	0.073	0.078	0.031



7.3_I_SS_5V	
Test Site	
Tester	
Test Number	
Max Limit	3.32 uA
Min Limit	1.98 uA

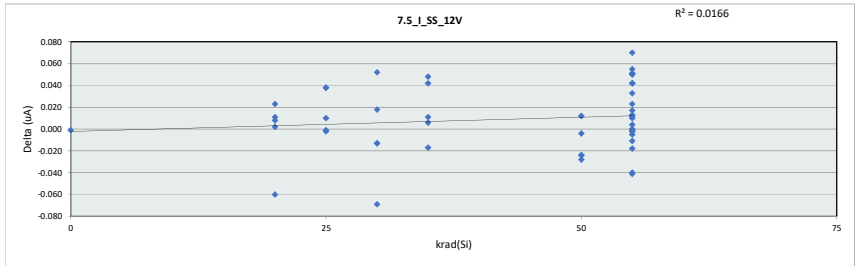
krad(Si)	0	20	25	30	35	50	55
LL	1.980	1.980	1.980	1.980	1.980	1.980	1.980
Min	2.820	2.808	2.810	2.837	2.833	2.765	2.747
Average	2.820	2.869	2.888	2.909	2.913	2.806	2.889
Max	2.820	2.941	2.968	2.959	2.966	2.867	3.098
UL	3.320	3.320	3.320	3.320	3.320	3.320	3.320



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

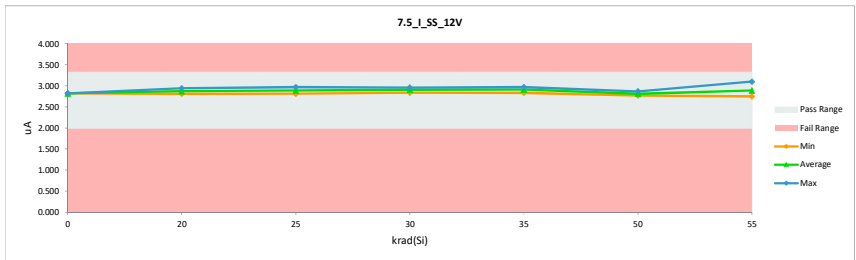
7.5_I_SS_12V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	3.32
Min Limit	1.98

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	2.823	2.822	-0.001
25	1	2.812	2.811	-0.001
25	2	2.898	2.936	0.038
25	3	2.932	2.970	0.038
25	4	2.868	2.878	0.010
25	5	2.853	2.851	-0.002
20	6	2.822	2.833	0.011
20	7	2.934	2.942	0.008
20	8	2.870	2.810	-0.060
20	9	2.834	2.857	0.023
20	10	2.910	2.912	0.002
35	11	2.909	2.920	0.011
35	12	2.832	2.880	0.048
35	13	2.791	2.833	0.042
35	14	2.985	2.968	-0.017
35	15	2.961	2.967	0.006
30	16	2.942	2.960	0.018
30	17	2.974	2.905	-0.069
30	18	2.870	2.922	0.052
30	19	2.851	2.838	-0.013
30	20	2.940	2.927	-0.013
55	21	3.050	3.101	0.051
55	22	2.802	2.835	0.033
55	23	2.824	2.806	-0.018
55	24	2.835	2.877	0.042
55	25	2.830	2.843	0.013
55	26	3.027	3.097	0.070
55	27	2.803	2.858	0.055
55	28	2.952	2.951	-0.001
55	29	2.808	2.806	-0.002
55	30	2.764	2.774	0.010
55	31	2.697	2.748	0.051
55	32	2.892	2.934	0.042
55	33	3.003	3.020	0.017
55	34	2.817	2.867	0.050
55	35	2.894	2.883	-0.011
55	36	2.838	2.838	0.000
55	37	2.860	2.820	-0.040
55	38	2.847	2.870	0.023
55	39	2.869	2.828	-0.041
55	40	2.941	2.936	-0.005
55	41	2.938	2.950	0.012
55	42	2.939	2.943	0.004
50	43	2.807	2.779	-0.028
50	44	2.756	2.768	0.012
50	45	2.826	2.822	-0.004
50	46	2.827	2.803	-0.024
50	47	2.893	2.869	-0.024
	Max	3.050	3.101	0.070
	Average	2.874	2.883	0.009
	Min	2.697	2.748	-0.069
	Std Dev	0.073	0.078	0.030



7.5_I_SS_12V	
Test Site	
Tester	
Test Number	
Max Limit	3.32 uA
Min Limit	1.98 uA

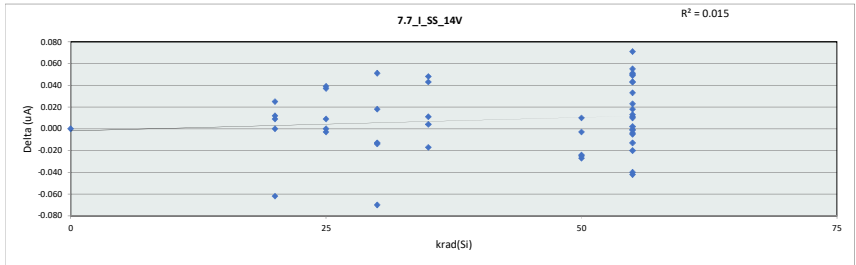
krad(Si)	0	20	25	30	35	50	55
LL	1.980	1.980	1.980	1.980	1.980	1.980	1.980
Min	2.822	2.810	2.811	2.838	2.833	2.768	2.748
Average	2.822	2.871	2.889	2.910	2.914	2.808	2.890
Max	2.822	2.942	2.970	2.960	2.968	2.869	3.101
UL	3.320	3.320	3.320	3.320	3.320	3.320	3.320



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

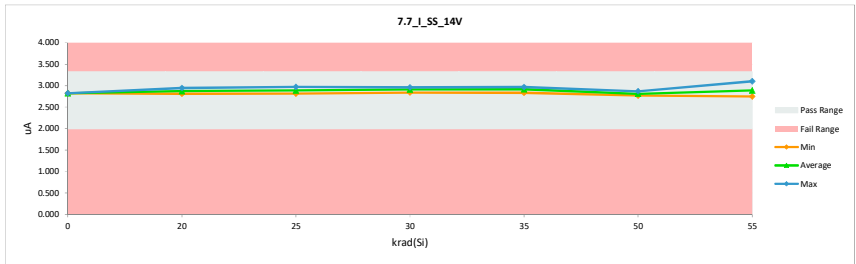
7.7_I_SS_14V	
Test Site	
Tester	
Test Number	
Unit	uA uA
Max Limit	3.32 3.32
Min Limit	1.98 1.98

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	2.822	2.822	0.000
25	1	2.812	2.812	0.000
25	2	2.898	2.937	0.039
25	3	2.932	2.969	0.037
25	4	2.868	2.877	0.009
25	5	2.853	2.850	-0.003
20	6	2.822	2.834	0.012
20	7	2.934	2.943	0.009
20	8	2.871	2.809	-0.062
20	9	2.834	2.859	0.025
20	10	2.911	2.911	0.000
35	11	2.910	2.921	0.011
35	12	2.832	2.880	0.048
35	13	2.791	2.834	0.043
35	14	2.985	2.968	-0.017
35	15	2.962	2.966	0.004
30	16	2.942	2.960	0.018
30	17	2.975	2.905	-0.070
30	18	2.869	2.920	0.051
30	19	2.852	2.838	-0.014
30	20	2.940	2.927	-0.013
55	21	3.050	3.101	0.051
55	22	2.803	2.836	0.033
55	23	2.825	2.805	-0.020
55	24	2.835	2.878	0.043
55	25	2.831	2.842	0.011
55	26	3.026	3.097	0.071
55	27	2.803	2.858	0.055
55	28	2.952	2.951	-0.001
55	29	2.808	2.804	-0.004
55	30	2.763	2.776	0.013
55	31	2.699	2.748	0.049
55	32	2.892	2.935	0.043
55	33	3.003	3.021	0.018
55	34	2.816	2.866	0.050
55	35	2.895	2.882	-0.013
55	36	2.838	2.837	-0.001
55	37	2.860	2.820	-0.040
55	38	2.846	2.869	0.023
55	39	2.869	2.827	-0.042
55	40	2.940	2.935	-0.005
55	41	2.939	2.949	0.010
55	42	2.940	2.942	0.002
50	43	2.807	2.780	-0.027
50	44	2.757	2.767	0.010
50	45	2.826	2.823	-0.003
50	46	2.827	2.803	-0.024
50	47	2.893	2.868	-0.025
	Max	3.050	3.101	0.071
	Average	2.874	2.883	0.008
	Min	2.699	2.748	-0.070
	Std Dev	0.073	0.078	0.031



7.7_I_SS_14V	
Test Site	
Tester	
Test Number	
Max Limit	3.32 uA
Min Limit	1.98 uA

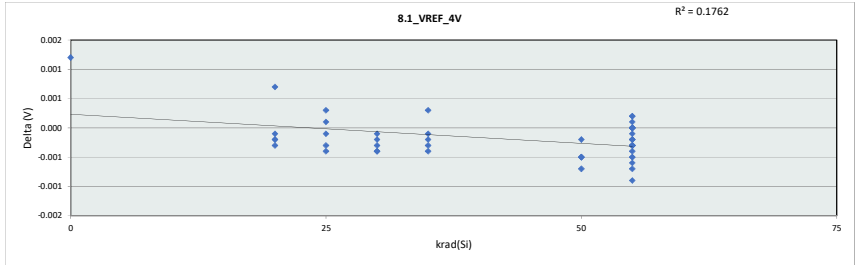
krad(Si)	0	20	25	30	35	50	55
LL	1.980	1.980	1.980	1.980	1.980	1.980	1.980
Min	2.822	2.809	2.812	2.838	2.834	2.767	2.748
Average	2.822	2.871	2.889	2.910	2.914	2.808	2.890
Max	2.822	2.943	2.969	2.960	2.968	2.868	3.101
UL	3.320	3.320	3.320	3.320	3.320	3.320	3.320



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

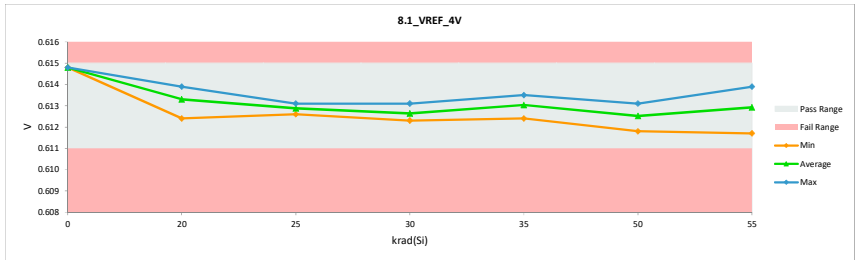
8.1_VREF_4V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.615	0.615
Min Limit	0.609	0.611

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.614	0.615	0.001
25	1	0.613	0.613	0.000
25	2	0.613	0.613	0.000
25	3	0.613	0.613	0.000
25	4	0.613	0.613	0.000
25	5	0.613	0.613	0.000
20	6	0.613	0.613	0.000
20	7	0.613	0.612	0.000
20	8	0.614	0.614	0.000
20	9	0.614	0.613	0.000
20	10	0.613	0.614	0.001
35	11	0.613	0.612	0.000
35	12	0.613	0.613	0.000
35	13	0.613	0.613	0.000
35	14	0.613	0.613	0.000
35	15	0.614	0.613	0.000
30	16	0.613	0.613	0.000
30	17	0.613	0.613	0.000
30	18	0.613	0.613	0.000
30	19	0.613	0.613	0.000
30	20	0.612	0.612	0.000
55	21	0.614	0.613	-0.001
55	22	0.614	0.614	0.000
55	23	0.613	0.613	0.000
55	24	0.613	0.613	0.000
55	25	0.614	0.614	0.000
55	26	0.613	0.613	0.000
55	27	0.613	0.613	0.000
55	28	0.613	0.613	0.000
55	29	0.614	0.613	-0.001
55	30	0.613	0.613	0.000
55	31	0.613	0.613	0.000
55	32	0.613	0.613	-0.001
55	33	0.613	0.613	0.000
55	34	0.614	0.613	-0.001
55	35	0.613	0.612	-0.001
55	36	0.613	0.613	0.000
55	37	0.613	0.613	0.000
55	38	0.613	0.613	0.000
55	39	0.612	0.612	0.000
55	40	0.612	0.612	0.000
55	41	0.612	0.612	0.000
55	42	0.613	0.614	0.000
50	43	0.613	0.612	-0.001
50	44	0.613	0.613	0.000
50	45	0.613	0.612	-0.001
50	46	0.613	0.613	0.000
50	47	0.613	0.613	0.000
	Max	0.614	0.615	0.001
	Average	0.613	0.613	0.000
	Min	0.612	0.612	-0.001
	Std Dev	0.000	0.001	0.000



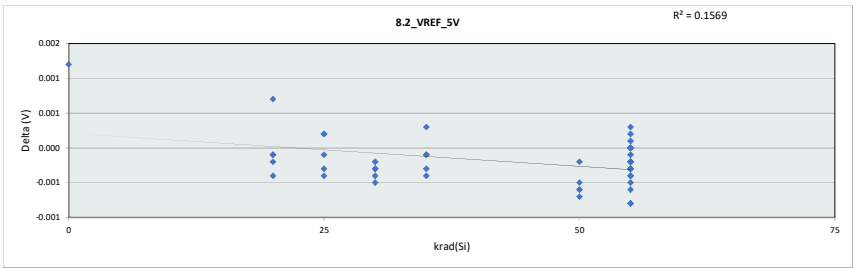
8.1_VREF_4V		
Test Site		
Tester		
Test Number		
Max Limit	0.615	V
Min Limit	0.611	V

krad(Si)	0	20	25	30	35	50	55
LL	0.611	0.611	0.611	0.611	0.611	0.611	0.611
Min	0.615	0.612	0.613	0.612	0.612	0.612	0.612
Average	0.615	0.613	0.613	0.613	0.613	0.613	0.613
Max	0.615	0.614	0.613	0.613	0.614	0.613	0.614
UL	0.615	0.615	0.615	0.615	0.615	0.615	0.615



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

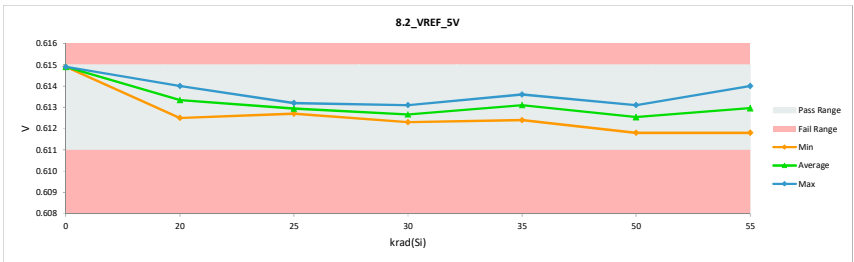
8.2_VREF_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.615
Min Limit	0.609



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.614	0.615	0.001
25	1	0.613	0.613	0.000
25	2	0.613	0.613	0.000
25	3	0.613	0.613	0.000
25	4	0.613	0.613	0.000
25	5	0.613	0.613	0.000
20	6	0.613	0.613	0.000
20	7	0.613	0.613	0.000
20	8	0.614	0.614	0.000
20	9	0.614	0.613	0.000
20	10	0.613	0.614	0.001
35	11	0.613	0.612	0.000
35	12	0.613	0.613	0.000
35	13	0.613	0.613	0.000
35	14	0.613	0.613	0.000
35	15	0.614	0.614	0.000
30	16	0.613	0.613	0.000
30	17	0.613	0.613	0.000
30	18	0.613	0.613	0.000
30	19	0.614	0.613	-0.001
30	20	0.613	0.612	0.000
55	21	0.614	0.613	-0.001
55	22	0.614	0.614	0.000
55	23	0.613	0.613	0.000
55	24	0.613	0.613	0.000
55	25	0.614	0.614	0.000
55	26	0.613	0.613	0.000
55	27	0.613	0.613	0.000
55	28	0.613	0.613	0.000
55	29	0.614	0.613	-0.001
55	30	0.613	0.613	0.000
55	31	0.614	0.613	0.000
55	32	0.613	0.613	-0.001
55	33	0.613	0.613	0.000
55	34	0.614	0.613	-0.001
55	35	0.613	0.612	0.000
55	36	0.613	0.613	0.000
55	37	0.613	0.613	0.000
55	38	0.613	0.613	0.000
55	39	0.612	0.612	0.000
55	40	0.612	0.612	0.000
55	41	0.612	0.612	0.000
55	42	0.613	0.614	0.000
50	43	0.613	0.612	-0.001
50	44	0.613	0.613	0.000
50	45	0.613	0.612	-0.001
50	46	0.613	0.613	0.000
50	47	0.613	0.613	-0.001
	Max	0.614	0.615	0.001
	Average	0.613	0.613	0.000
	Min	0.612	0.612	-0.001
	Std Dev	0.000	0.001	0.000

8.2_VREF_5V	
Test Site	
Tester	
Test Number	
Max Limit	0.615
Min Limit	0.611

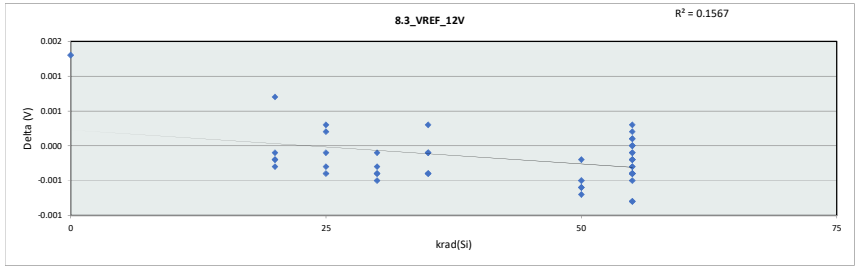
krad(Si)	0	20	25	30	35	50	55
LL	0.611	0.611	0.611	0.611	0.611	0.611	0.611
Min	0.615	0.613	0.613	0.612	0.612	0.612	0.612
Average	0.615	0.613	0.613	0.613	0.613	0.613	0.613
Max	0.615	0.614	0.613	0.613	0.614	0.613	0.614
UL	0.615	0.615	0.615	0.615	0.615	0.615	0.615



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

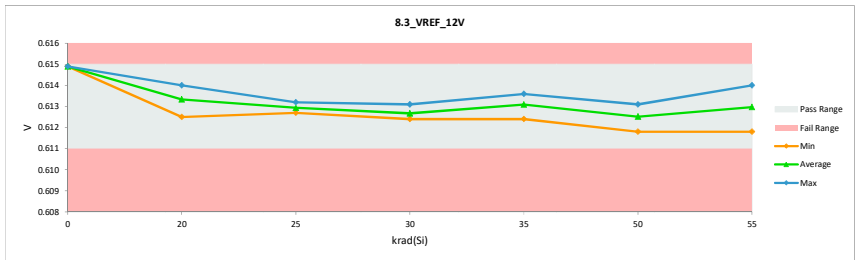
8.3_VREF_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.615	0.615
Min Limit	0.609	0.611

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.614	0.615	0.001
25	1	0.613	0.613	0.000
25	2	0.613	0.613	0.000
25	3	0.613	0.613	0.000
25	4	0.613	0.613	0.000
25	5	0.613	0.613	0.000
20	6	0.613	0.613	0.000
20	7	0.613	0.613	0.000
20	8	0.614	0.614	0.000
20	9	0.614	0.613	0.000
20	10	0.613	0.614	0.001
35	11	0.613	0.612	0.000
35	12	0.613	0.613	0.000
35	13	0.613	0.613	0.000
35	14	0.613	0.613	0.000
35	15	0.614	0.614	0.000
30	16	0.613	0.613	0.000
30	17	0.613	0.613	0.000
30	18	0.613	0.613	0.000
30	19	0.614	0.613	-0.001
30	20	0.613	0.612	0.000
55	21	0.614	0.613	-0.001
55	22	0.614	0.614	0.000
55	23	0.613	0.613	0.000
55	24	0.613	0.613	0.000
55	25	0.614	0.614	0.000
55	26	0.613	0.613	0.000
55	27	0.613	0.613	0.000
55	28	0.613	0.613	0.000
55	29	0.614	0.613	-0.001
55	30	0.613	0.614	0.000
55	31	0.614	0.613	0.000
55	32	0.613	0.613	0.000
55	33	0.613	0.613	0.000
55	34	0.614	0.613	0.000
55	35	0.613	0.612	0.000
55	36	0.613	0.613	0.000
55	37	0.613	0.613	0.000
55	38	0.613	0.613	0.000
55	39	0.612	0.612	0.000
55	40	0.612	0.612	0.000
55	41	0.612	0.612	0.000
55	42	0.613	0.614	0.000
50	43	0.613	0.612	-0.001
50	44	0.613	0.613	0.000
50	45	0.613	0.612	-0.001
50	46	0.613	0.613	0.000
50	47	0.613	0.613	-0.001
	Max	0.614	0.615	0.001
	Average	0.613	0.613	0.000
	Min	0.612	0.612	-0.001
	Std Dev	0.000	0.001	0.000



8.3_VREF_12V		
Test Site		
Tester		
Test Number		
Max Limit	0.615	V
Min Limit	0.611	V

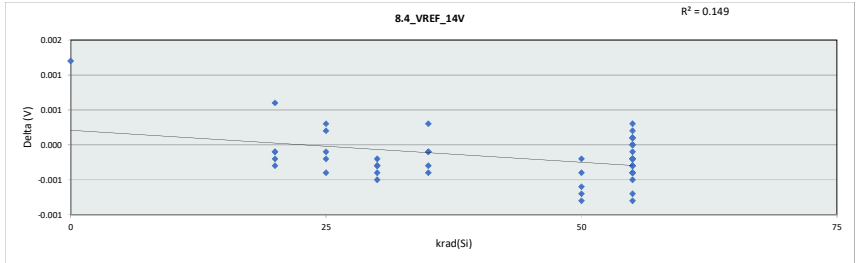
krad(Si)	0	20	25	30	35	50	55
LL	0.611	0.611	0.611	0.611	0.611	0.611	0.611
Min	0.615	0.613	0.613	0.612	0.612	0.612	0.612
Average	0.615	0.613	0.613	0.613	0.613	0.613	0.613
Max	0.615	0.614	0.613	0.613	0.614	0.613	0.614
UL	0.615	0.615	0.615	0.615	0.615	0.615	0.615



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

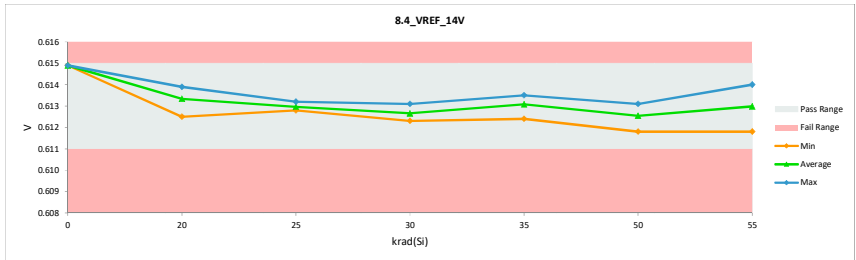
8.4_VREF_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.615	0.615
Min Limit	0.609	0.611

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.614	0.615	0.001
25	1	0.613	0.613	0.000
25	2	0.613	0.613	0.000
25	3	0.613	0.613	0.000
25	4	0.613	0.613	0.000
25	5	0.613	0.613	0.000
20	6	0.613	0.613	0.000
20	7	0.613	0.613	0.000
20	8	0.614	0.614	0.000
20	9	0.614	0.613	0.000
20	10	0.613	0.614	0.001
35	11	0.613	0.612	0.000
35	12	0.613	0.613	0.000
35	13	0.613	0.613	0.000
35	14	0.613	0.613	0.000
35	15	0.614	0.613	0.000
30	16	0.613	0.613	0.000
30	17	0.613	0.613	0.000
30	18	0.613	0.613	0.000
30	19	0.614	0.613	-0.001
30	20	0.613	0.612	0.000
55	21	0.614	0.613	-0.001
55	22	0.614	0.614	0.000
55	23	0.613	0.613	0.000
55	24	0.613	0.613	0.000
55	25	0.614	0.614	0.000
55	26	0.613	0.613	0.000
55	27	0.613	0.613	0.000
55	28	0.613	0.613	0.000
55	29	0.614	0.613	-0.001
55	30	0.613	0.613	0.000
55	31	0.614	0.613	0.000
55	32	0.613	0.613	0.000
55	33	0.613	0.613	0.000
55	34	0.613	0.613	0.000
55	35	0.613	0.612	0.000
55	36	0.613	0.613	0.000
55	37	0.613	0.613	0.000
55	38	0.613	0.613	0.000
55	39	0.612	0.612	0.000
55	40	0.612	0.612	0.000
55	41	0.612	0.612	0.000
55	42	0.613	0.614	0.000
50	43	0.613	0.612	-0.001
50	44	0.613	0.613	0.000
50	45	0.613	0.612	-0.001
50	46	0.613	0.613	0.000
50	47	0.613	0.613	-0.001
	Max	0.614	0.615	0.001
	Average	0.613	0.613	0.000
	Min	0.612	0.612	-0.001
	Std Dev	0.000	0.001	0.000



8.4_VREF_14V		
Test Site		
Tester		
Test Number		
Max Limit	0.615	V
Min Limit	0.611	V

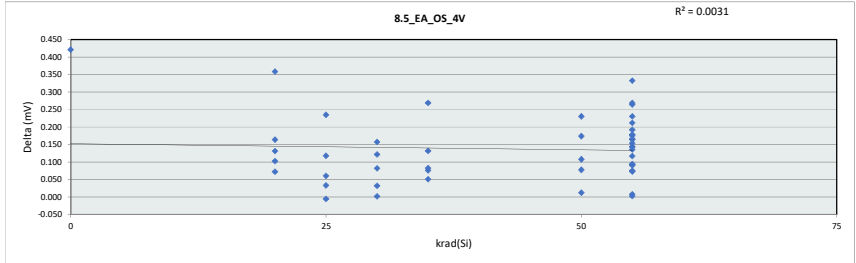
krad(Si)	0	20	25	30	35	50	55
LL	0.611	0.611	0.611	0.611	0.611	0.611	0.611
Min	0.615	0.613	0.613	0.612	0.612	0.612	0.612
Average	0.615	0.613	0.613	0.613	0.613	0.613	0.613
Max	0.615	0.614	0.613	0.613	0.614	0.613	0.614
UL	0.615	0.615	0.615	0.615	0.615	0.615	0.615



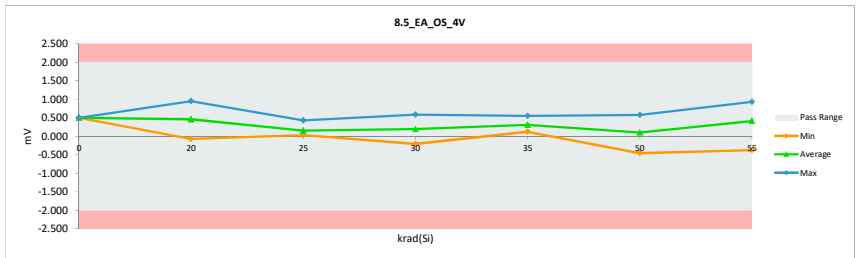
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.5_EA_OS_4V		
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	2	2
Min Limit	-2	-2

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.078	0.498	0.421
25	1	0.368	0.428	0.060
25	2	-0.200	0.035	0.234
25	3	0.068	0.062	-0.006
25	4	-0.062	0.055	0.117
25	5	0.145	0.178	0.033
20	6	0.067	0.139	0.072
20	7	-0.238	-0.075	0.164
20	8	0.817	0.948	0.131
20	9	0.537	0.639	0.102
20	10	0.288	0.646	0.358
35	11	-0.011	0.120	0.131
35	12	-0.075	0.194	0.269
35	13	0.084	0.166	0.082
35	14	0.500	0.551	0.051
35	15	0.419	0.495	0.076
30	16	-0.033	-0.031	0.001
30	17	0.084	0.206	0.121
30	18	0.250	0.407	0.157
30	19	0.553	0.584	0.031
30	20	-0.288	-0.206	0.081
55	21	0.768	0.770	0.002
55	22	0.857	0.929	0.072
55	23	-0.063	0.080	0.143
55	24	0.320	0.550	0.230
55	25	0.636	0.827	0.192
55	26	0.483	0.647	0.164
55	27	-0.060	0.208	0.268
55	28	0.237	0.331	0.094
55	29	0.592	0.684	0.092
55	30	0.455	0.667	0.212
55	31	0.726	0.901	0.175
55	32	0.121	0.211	0.090
55	33	0.396	0.540	0.144
55	34	0.373	0.448	0.075
55	35	-0.387	-0.380	0.007
55	36	-0.035	0.131	0.165
55	37	0.356	0.619	0.264
55	38	-0.021	0.132	0.153
55	39	-0.238	-0.103	0.136
55	40	-0.352	-0.235	0.116
55	41	0.171	0.349	0.178
55	42	0.442	0.775	0.332
50	43	-0.469	-0.458	0.012
50	44	0.119	0.196	0.077
50	45	-0.347	-0.239	0.107
50	46	0.398	0.572	0.174
50	47	0.188	0.417	0.230
	Max	0.857	0.948	0.421
	Average	0.188	0.325	0.137
	Min	-0.469	-0.458	-0.006
	Std Dev	0.335	0.351	0.095



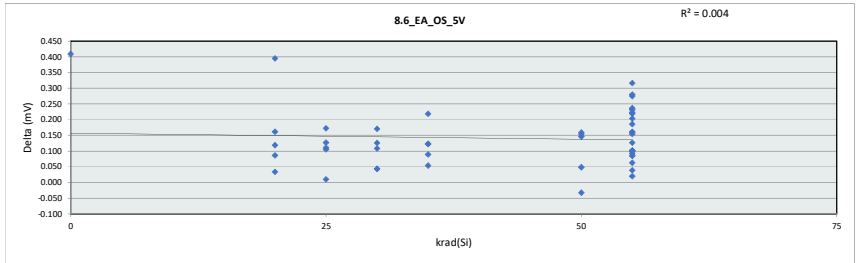
8.5_EA_OS_4V							
Test Site							
Tester							
Test Number							
Max Limit	2						
Min Limit	-2						
krad(Si)	0	20	25	30	35	50	55
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	0.498	-0.075	0.035	-0.207	0.120	-0.458	-0.380
Average	0.498	0.460	0.152	0.192	0.305	0.098	0.413
Max	0.498	0.949	0.429	0.584	0.551	0.572	0.929
UL	2.000	2.000	2.000	2.000	2.000	2.000	2.000



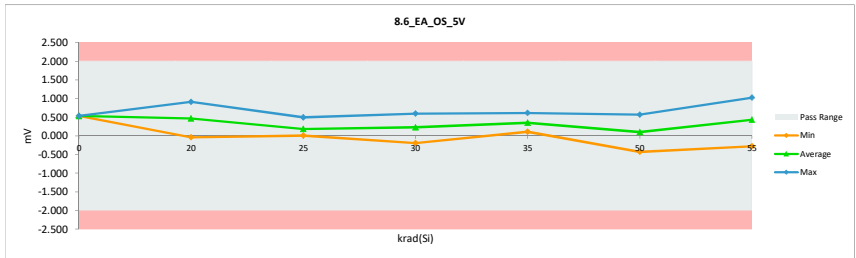
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.6_EA_OS_5V		
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	2	2
Min Limit	-2	-2

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.124	0.533	0.409
25	1	0.390	0.495	0.105
25	2	-0.117	0.009	0.127
25	3	0.043	0.154	0.111
25	4	-0.090	0.083	0.172
25	5	0.175	0.185	0.010
20	6	0.109	0.143	0.034
20	7	-0.157	-0.039	0.118
20	8	0.750	0.911	0.161
20	9	0.549	0.635	0.086
20	10	0.285	0.680	0.395
35	11	0.020	0.109	0.089
35	12	0.021	0.239	0.218
35	13	0.120	0.243	0.123
35	14	0.490	0.612	0.122
35	15	0.493	0.546	0.054
30	16	-0.036	0.072	0.108
30	17	0.119	0.245	0.126
30	18	0.263	0.433	0.170
30	19	0.554	0.597	0.043
30	20	-0.239	-0.196	0.043
55	21	0.763	0.802	0.039
55	22	0.805	1.024	0.219
55	23	-0.094	0.129	0.223
55	24	0.366	0.598	0.232
55	25	0.718	0.803	0.085
55	26	0.475	0.678	0.203
55	27	-0.075	0.161	0.236
55	28	0.243	0.305	0.062
55	29	0.590	0.689	0.099
55	30	0.426	0.701	0.275
55	31	0.756	0.941	0.185
55	32	0.134	0.236	0.102
55	33	0.418	0.572	0.154
55	34	0.396	0.415	0.020
55	35	-0.370	-0.278	0.093
55	36	0.002	0.162	0.160
55	37	0.372	0.652	0.280
55	38	-0.034	0.092	0.126
55	39	-0.238	-0.137	0.102
55	40	-0.338	-0.253	0.085
55	41	0.202	0.363	0.161
55	42	0.487	0.803	0.316
50	43	-0.479	-0.430	0.049
50	44	0.121	0.275	0.154
50	45	-0.267	-0.300	-0.033
50	46	0.420	0.566	0.146
50	47	0.242	0.401	0.159
	Max	0.805	1.024	0.409
	Average	0.206	0.347	0.141
	Min	-0.479	-0.430	-0.033
	Std Dev	0.327	0.354	0.092



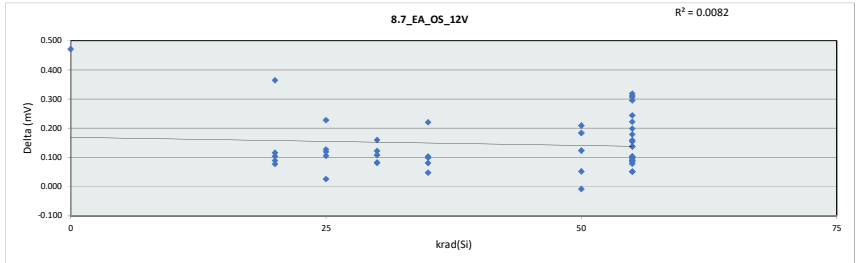
8.6_EA_OS_5V							
Test Site							
Tester							
Test Number							
Max Limit	2		mV				
Min Limit	-2		mV				
krad(Si)	0	20	25	30	35	50	55
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	0.533	-0.039	0.009	-0.196	0.109	-0.430	-0.278
Average	0.533	0.466	0.185	0.230	0.350	0.102	0.430
Max	0.533	0.911	0.495	0.597	0.612	0.566	1.024
UL	2.000	2.000	2.000	2.000	2.000	2.000	2.000



**HDR TID Report
TPS7H5008-SEP**

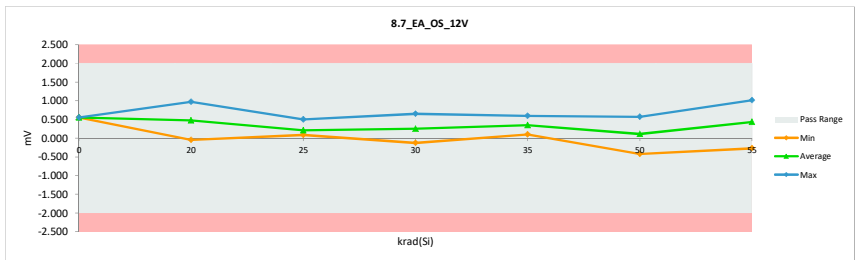
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.7_EA_OS_12V	
Test Site	
Tester	
Test Number	
Unit	mV
Max Limit	2
Min Limit	-2



8.7_EA_OS_12V	
Test Site	
Tester	
Test Number	
Max Limit	2
Min Limit	-2

krad(Si)	0	20	25	30	35	50	55
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	0.553	-0.045	0.085	-0.128	0.101	-0.424	-0.271
Average	0.553	0.475	0.209	0.251	0.347	0.113	0.435
Max	0.553	0.970	0.502	0.652	0.593	0.571	1.012
UL	2.000	2.000	2.000	2.000	2.000	2.000	2.000

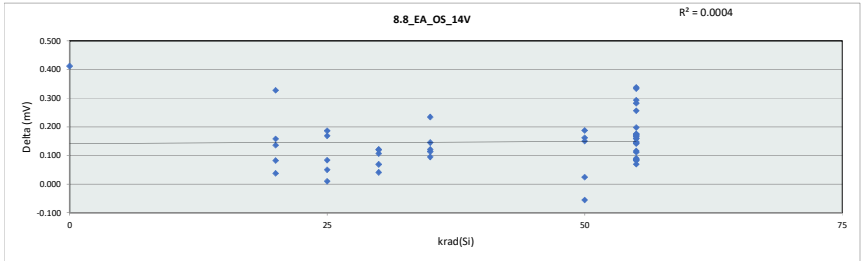


krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.083	0.553	0.470
25	1	0.397	0.502	0.105
25	2	-0.142	0.085	0.227
25	3	0.044	0.163	0.119
25	4	-0.029	0.098	0.127
25	5	0.175	0.200	0.025
20	6	0.038	0.114	0.076
20	7	-0.149	-0.045	0.103
20	8	0.855	0.970	0.115
20	9	0.550	0.638	0.088
20	10	0.332	0.695	0.363
35	11	0.002	0.101	0.098
35	12	0.013	0.232	0.220
35	13	0.145	0.247	0.102
35	14	0.546	0.593	0.047
35	15	0.479	0.559	0.080
30	16	-0.015	0.092	0.107
30	17	0.144	0.224	0.081
30	18	0.255	0.414	0.159
30	19	0.570	0.652	0.082
30	20	-0.250	-0.128	0.122
55	21	0.743	0.821	0.078
55	22	0.854	1.012	0.158
55	23	-0.090	0.131	0.221
55	24	0.315	0.609	0.295
55	25	0.724	0.809	0.085
55	26	0.457	0.611	0.154
55	27	-0.086	0.225	0.311
55	28	0.255	0.305	0.050
55	29	0.590	0.680	0.090
55	30	0.490	0.733	0.243
55	31	0.779	0.957	0.178
55	32	0.144	0.247	0.103
55	33	0.439	0.575	0.137
55	34	0.390	0.479	0.089
55	35	-0.371	-0.271	0.100
55	36	-0.006	0.092	0.099
55	37	0.329	0.646	0.318
55	38	0.014	0.064	0.051
55	39	-0.271	-0.073	0.198
55	40	-0.353	-0.216	0.136
55	41	0.247	0.346	0.099
55	42	0.488	0.794	0.306
50	43	-0.475	-0.424	0.051
50	44	0.118	0.240	0.122
50	45	-0.252	-0.261	-0.009
50	46	0.363	0.571	0.208
50	47	0.254	0.437	0.183
	Max	0.855	1.012	0.470
	Average	0.211	0.356	0.145
	Min	-0.475	-0.424	-0.009
	Std Dev	0.335	0.351	0.095

HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

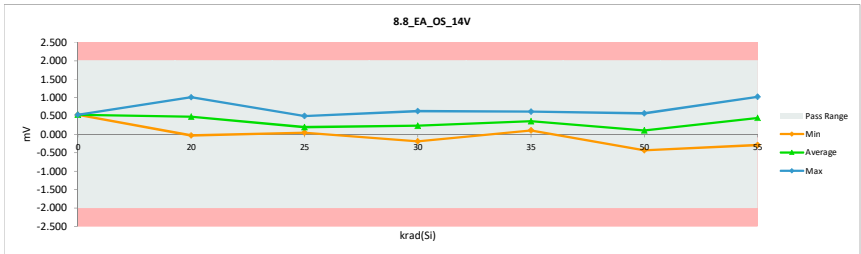
8.8_EA_OS_14V		
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	2	2
Min Limit	-2	-2

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.124	0.536	0.412
25	1	0.417	0.500	0.083
25	2	-0.139	0.047	0.186
25	3	0.113	0.163	0.050
25	4	-0.080	0.088	0.168
25	5	0.170	0.179	0.009
20	6	0.053	0.134	0.082
20	7	-0.166	-0.030	0.136
20	8	0.851	1.008	0.158
20	9	0.572	0.609	0.037
20	10	0.347	0.675	0.328
35	11	-0.012	0.109	0.121
35	12	0.017	0.251	0.234
35	13	0.146	0.260	0.114
35	14	0.475	0.620	0.145
35	15	0.451	0.546	0.095
30	16	-0.030	0.089	0.120
30	17	0.139	0.245	0.106
30	18	0.280	0.401	0.120
30	19	0.564	0.633	0.069
30	20	-0.229	-0.189	0.041
55	21	0.738	0.819	0.082
55	22	0.855	1.021	0.166
55	23	-0.036	0.139	0.175
55	24	0.382	0.664	0.282
55	25	0.712	0.802	0.090
55	26	0.505	0.649	0.144
55	27	-0.029	0.264	0.293
55	28	0.229	0.313	0.084
55	29	0.607	0.693	0.086
55	30	0.465	0.721	0.256
55	31	0.777	0.947	0.170
55	32	0.131	0.291	0.160
55	33	0.437	0.578	0.141
55	34	0.324	0.439	0.115
55	35	-0.359	-0.290	0.069
55	36	-0.001	0.147	0.147
55	37	0.321	0.659	0.337
55	38	-0.039	0.159	0.198
55	39	-0.258	-0.099	0.158
55	40	-0.356	-0.245	0.111
55	41	0.203	0.377	0.174
55	42	0.478	0.811	0.333
50	43	-0.457	-0.433	0.024
50	44	0.118	0.268	0.150
50	45	-0.228	-0.284	-0.056
50	46	0.386	0.573	0.187
50	47	0.259	0.421	0.162
	Max	0.855	1.021	0.412
	Average	0.213	0.360	0.147
	Min	-0.457	-0.433	-0.056
	Std Dev	0.330	0.355	0.092



8.8_EA_OS_14V		
Test Site		
Tester		
Test Number		
Max Limit	2	mV
Min Limit	-2	mV

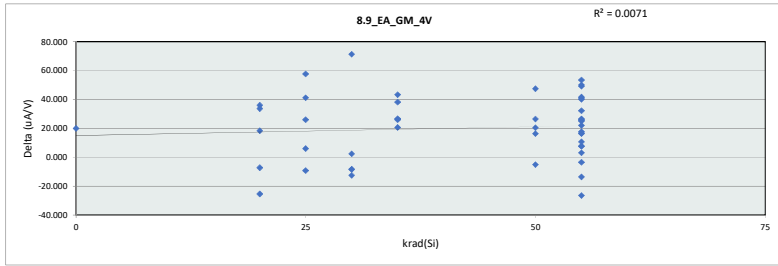
krad(Si)	0	20	25	30	35	50	55
LL	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000	-2.000
Min	0.536	-0.030	0.047	-0.189	0.109	-0.433	-0.290
Average	0.536	0.479	0.195	0.236	0.357	0.109	0.448
Max	0.536	1.008	0.500	0.633	0.620	0.573	1.021
UL	2.000	2.000	2.000	2.000	2.000	2.000	2.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

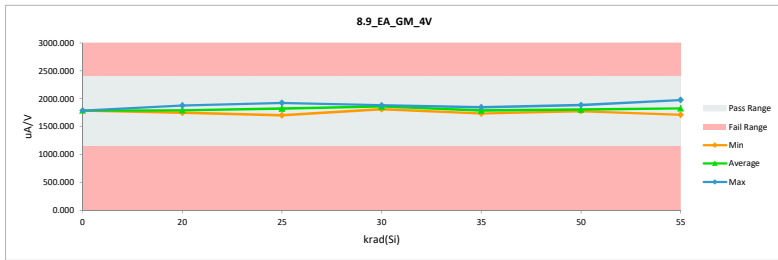
8.9_EA_GM_4V		
Test Site		
Tester		
Test Number		
Unit	uA/V	uA/V
Max Limit	2400	2400
Min Limit	1150	1150

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1765.094	1784.962	19.868
25	1	1712.214	1702.934	-9.280
25	2	1844.055	1885.123	41.068
25	3	1866.167	1923.695	57.528
25	4	1791.720	1797.662	5.942
25	5	1781.456	1807.325	25.869
20	6	1857.623	1875.912	18.289
20	7	1756.161	1748.865	-7.296
20	8	1788.854	1763.452	-25.402
20	9	1728.220	1764.175	35.955
20	10	1787.491	1821.087	33.596
35	11	1705.678	1748.920	43.242
35	12	1791.184	1829.297	38.113
35	13	1705.903	1732.459	26.556
35	14	1759.070	1779.566	20.496
35	15	1820.602	1846.511	25.909
30	16	1868.994	1871.267	2.273
30	17	1825.019	1812.421	-12.598
30	18	1810.729	1881.909	71.180
30	19	1868.079	1859.765	-8.314
30	20	1882.658	1874.204	-8.454
55	21	1847.375	1864.042	16.667
55	22	1786.311	1794.019	7.708
55	23	1797.353	1793.789	-3.564
55	24	1797.199	1829.307	32.108
55	25	1816.591	1869.953	53.362
55	26	1935.033	1976.627	41.594
55	27	1713.604	1763.582	49.978
55	28	1825.019	1842.658	17.639
55	29	1804.555	1829.437	24.882
55	30	1748.164	1774.203	26.039
55	31	1775.564	1815.618	40.054
55	32	1762.276	1803.178	40.902
55	33	1868.412	1875.912	7.500
55	34	1744.030	1793.108	49.078
55	35	1808.231	1818.856	10.625
55	36	1783.937	1809.323	25.386
55	37	1765.846	1768.872	3.026
55	38	1797.199	1823.640	26.441
55	39	1737.878	1711.323	-26.555
55	40	1930.613	1952.621	22.008
55	41	1868.068	1884.318	16.250
55	42	1826.042	1812.421	-13.621
50	43	1785.409	1805.740	20.331
50	44	1728.683	1775.978	47.295
50	45	1859.569	1885.917	26.348
50	46	1763.331	1779.566	16.235
50	47	1786.321	1781.096	-5.225
	Max	1935.033	1976.627	71.180
	Average	1799.575	1819.721	20.146
	Min	1705.678	1702.934	-26.555
	Std Dev	55.143	57.922	22.213



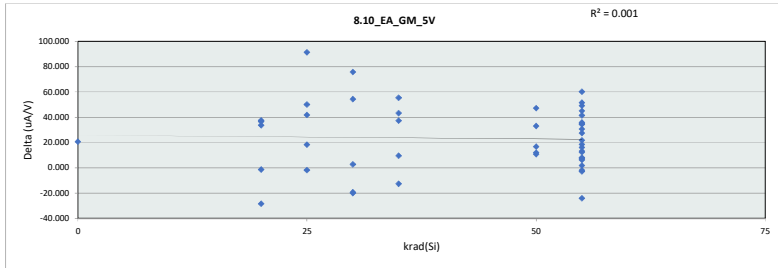
8.9_EA_GM_4V		
Test Site		
Tester		
Test Number		
Max Limit	2400	uA/V
Min Limit	1150	uA/V

krad(Si)	0	20	25	30	35	50	55
LL	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000
Min	1784.962	1748.865	1702.934	1812.421	1732.459	1775.978	1711.323
Average	1784.962	1794.698	1823.348	1859.913	1787.351	1805.659	1827.582
Max	1784.962	1875.912	1923.695	1881.909	1846.511	1885.917	1976.627
UL	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000



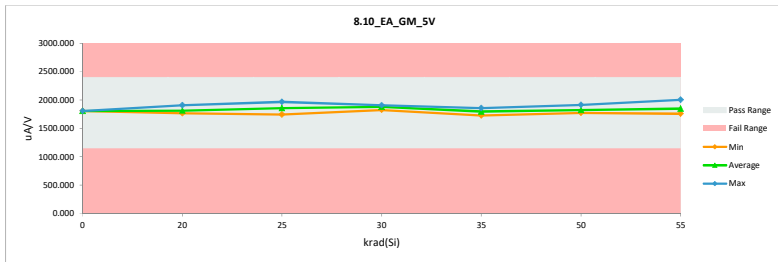
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.10_EA_GM_5V		
Test Site		
Tester		
Test Number		
Unit	uA/V	uA/V
Max Limit	2400	2400
Min Limit	1150	1150



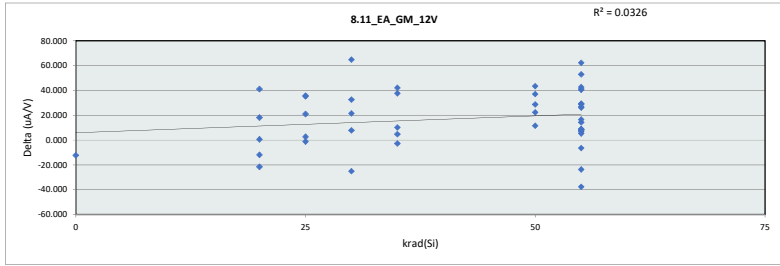
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1786.311	1806.858	20.547
25	1	1724.587	1742.707	18.120
25	2	1867.403	1917.287	49.884
25	3	1875.167	1966.364	91.197
25	4	1819.961	1818.008	-1.953
25	5	1794.220	1835.823	41.603
20	6	1869.880	1906.274	36.394
20	7	1765.047	1763.461	-1.586
20	8	1806.926	1778.312	-28.614
20	9	1736.853	1774.203	37.350
20	10	1789.407	1822.927	33.520
35	11	1713.604	1768.881	55.277
35	12	1803.439	1846.521	43.082
35	13	1740.168	1727.375	-12.793
35	14	1775.545	1784.943	9.398
35	15	1818.895	1855.959	37.064
30	16	1896.052	1875.901	-20.151
30	17	1821.077	1823.640	2.563
30	18	1830.684	1906.264	75.580
30	19	1852.117	1906.264	54.147
30	20	1905.657	1886.119	-19.538
55	21	1872.029	1887.934	15.905
55	22	1797.199	1804.409	7.210
55	23	1847.904	1823.640	-24.264
55	24	1827.146	1861.353	34.207
55	25	1846.237	1881.909	35.672
55	26	1951.736	2003.130	51.394
55	27	1746.844	1791.748	44.904
55	28	1851.780	1859.744	7.964
55	29	1825.019	1843.367	18.348
55	30	1750.544	1763.582	13.038
55	31	1799.387	1840.737	41.350
55	32	1773.546	1833.576	60.030
55	33	1888.284	1885.250	-3.034
55	34	1771.982	1806.858	34.876
55	35	1819.388	1846.714	27.326
55	36	1800.246	1812.411	12.165
55	37	1780.558	1782.260	1.702
55	38	1791.739	1840.737	48.998
55	39	1750.626	1756.740	6.114
55	40	1958.411	1956.264	-2.147
55	41	1861.033	1891.584	30.551
55	42	1823.402	1845.049	21.647
50	43	1797.604	1830.455	32.851
50	44	1754.407	1771.010	16.603
50	45	1865.451	1912.446	46.995
50	46	1780.435	1791.060	10.625
50	47	1796.593	1808.455	11.862
	Max	1958.411	2003.130	91.197
	Average	1815.053	1838.469	23.416
	Min	1713.604	1727.375	-28.614
	Std Dev	55.162	60.192	25.795

8.10_EA_GM_5V							
Test Site							
Tester							
Test Number							
Max Limit	2400	uA/V					
Min Limit	1150	uA/V					
krad(Si)	0	20	25	30	35	50	55
LL	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000
Min	1806.858	1763.461	1742.707	1823.640	1727.375	1771.010	1756.740
Average	1806.858	1809.035	1856.038	1879.638	1796.736	1822.685	1846.318
Max	1806.858	1906.274	1966.364	1906.264	1855.959	1912.446	2003.130
UL	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000



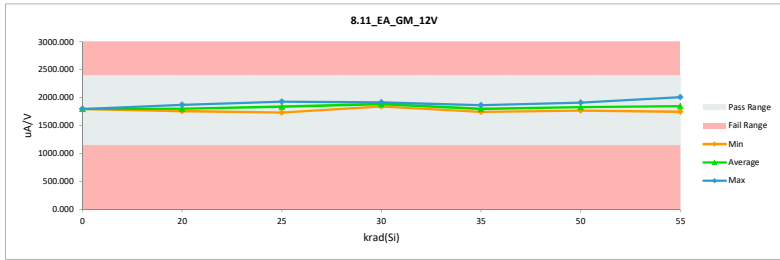
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.11_EA_GM_12V		
Test Site		
Tester		
Test Number		
Unit	uA/V	uA/V
Max Limit	2400	2400
Min Limit	1150	1150



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1808.221	1795.843	-12.378
25	1	1733.766	1732.459	-1.307
25	2	1877.329	1912.457	35.128
25	3	1889.369	1924.953	35.584
25	4	1797.199	1817.998	20.799
25	5	1804.429	1806.858	2.429
20	6	1869.588	1869.953	0.365
20	7	1776.043	1763.934	-12.109
20	8	1807.890	1786.169	-21.721
20	9	1740.294	1758.314	18.020
20	10	1784.763	1825.704	40.941
35	11	1746.371	1756.418	10.047
35	12	1802.006	1843.873	41.867
35	13	1738.148	1742.716	4.568
35	14	1785.817	1782.913	-2.904
35	15	1826.559	1864.032	37.473
30	16	1886.342	1894.008	7.666
30	17	1819.388	1840.737	21.349
30	18	1847.904	1912.457	64.553
30	19	1852.557	1884.922	32.365
30	20	1912.358	1887.169	-25.189
55	21	1858.498	1866.998	8.500
55	22	1803.614	1812.411	8.797
55	23	1850.217	1812.411	-37.806
55	24	1832.244	1861.364	29.120
55	25	1850.483	1893.121	42.638
55	26	1954.168	2007.012	52.844
55	27	1742.291	1782.563	40.272
55	28	1854.256	1859.466	5.210
55	29	1833.545	1840.101	6.556
55	30	1761.388	1790.381	28.993
55	31	1798.317	1812.411	14.094
55	32	1765.447	1827.504	62.057
55	33	1891.861	1900.121	8.260
55	34	1774.963	1815.913	40.950
55	35	1813.782	1840.293	26.511
55	36	1791.127	1807.481	16.354
55	37	1793.357	1769.534	-23.823
55	38	1832.124	1858.158	26.034
55	39	1739.807	1747.882	8.075
55	40	1954.771	1948.189	-6.582
55	41	1870.829	1899.508	28.679
55	42	1847.253	1854.820	7.567
50	43	1803.798	1840.737	36.939
50	44	1738.887	1767.381	28.494
50	45	1865.451	1908.747	43.296
50	46	1789.923	1801.338	11.415
50	47	1797.199	1819.329	22.130
	Max	1954.771	2007.012	64.553
	Average	1819.082	1836.439	17.357
	Min	1733.766	1732.459	-37.806
	Std Dev	54.607	58.895	22.665

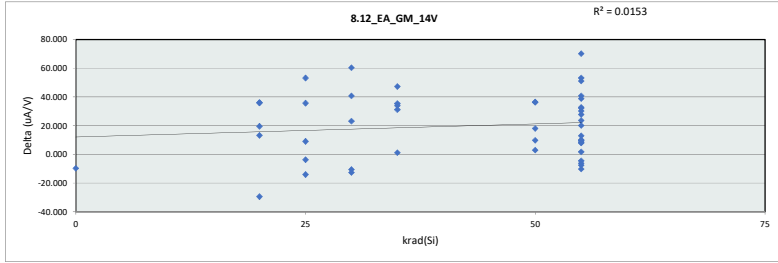
8.11_EA_GM_12V							
Test Site							
Tester							
Test Number							
Max Limit	2400	uA/V					
Min Limit	1150	uA/V					
krad(Si)	0	20	25	30	35	50	55
LL	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000
Min	1795.843	1758.314	1732.459	1840.737	1742.716	1767.381	1747.882
Average	1795.843	1800.815	1838.945	1883.859	1797.990	1827.506	1845.802
Max	1795.843	1869.953	1924.953	1912.457	1864.032	1908.747	2007.012
UL	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

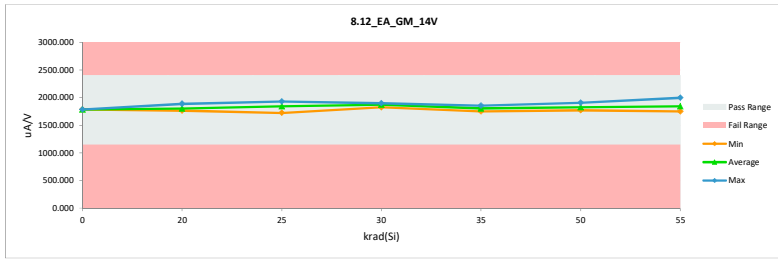
8.12_EA_GM_14V		
Test Site		
Tester		
Test Number		
Unit	uA/V	uA/V
Max Limit	2400	2400
Min Limit	1150	1150

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1793.108	1783.340	-9.768
25	1	1726.149	1722.330	-3.819
25	2	1889.358	1924.953	35.595
25	3	1877.885	1930.957	53.072
25	4	1833.275	1819.142	-14.133
25	5	1805.001	1813.930	8.929
20	6	1867.413	1886.829	19.416
20	7	1756.583	1769.758	13.175
20	8	1799.069	1769.534	-29.535
20	9	1727.668	1763.582	35.914
20	10	1788.730	1824.582	35.852
35	11	1725.075	1760.417	35.342
35	12	1805.166	1852.321	47.155
35	13	1746.853	1747.882	1.029
35	14	1778.529	1812.421	33.892
35	15	1818.264	1849.391	31.127
30	16	1859.569	1882.584	23.015
30	17	1836.385	1823.640	-12.745
30	18	1825.019	1885.250	60.231
30	19	1826.439	1867.008	40.569
30	20	1906.935	1896.234	-10.701
55	21	1855.302	1887.944	32.642
55	22	1805.953	1801.329	-4.624
55	23	1825.029	1834.999	9.970
55	24	1819.388	1842.901	23.513
55	25	1840.858	1894.008	53.150
55	26	1955.614	1996.349	40.735
55	27	1744.030	1774.193	30.163
55	28	1852.669	1872.645	19.976
55	29	1810.699	1849.412	38.713
55	30	1757.319	1784.953	27.634
55	31	1797.816	1805.856	8.040
55	32	1760.389	1830.455	70.066
55	33	1890.817	1900.121	9.304
55	34	1759.642	1791.748	32.106
55	35	1825.694	1818.008	-7.686
55	36	1802.093	1795.843	-6.250
55	37	1777.925	1779.566	1.641
55	38	1774.015	1825.049	51.034
55	39	1740.601	1748.455	7.854
55	40	1948.392	1961.273	12.881
55	41	1878.527	1887.934	9.407
55	42	1830.684	1820.415	-10.269
50	43	1802.684	1812.421	9.737
50	44	1733.775	1769.945	36.170
50	45	1870.526	1906.881	36.355
50	46	1794.479	1812.421	17.942
50	47	1816.581	1819.418	2.837
	Max	1955.614	1996.349	70.066
	Average	1813.833	1833.555	19.722
	Min	1725.075	1722.330	-29.535
	Std Dev	55.277	59.068	22.380



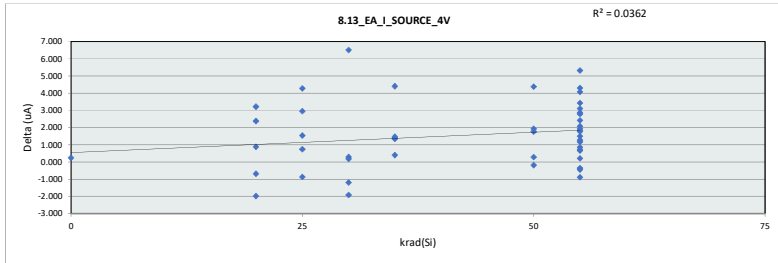
8.12_EA_GM_14V		
Test Site		
Tester		
Test Number		
Max Limit	2400	uA/V
Min Limit	1150	uA/V

krad(Si)	0	20	25	30	35	50	55
LL	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000	1150.000
Min	1783.340	1763.582	1722.330	1823.640	1747.882	1769.945	1748.455
Average	1783.340	1802.857	1842.262	1870.943	1804.486	1824.217	1841.066
Max	1783.340	1886.829	1930.957	1896.234	1852.321	1906.881	1996.349
UL	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000	2400.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

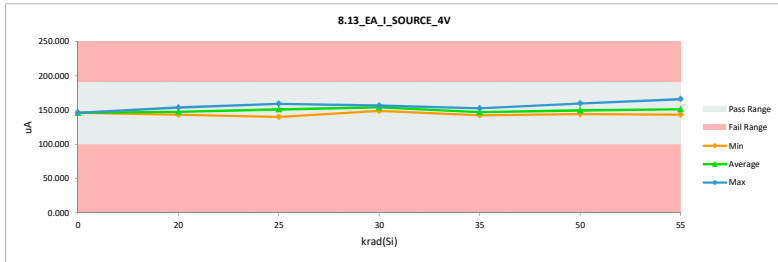
8.13_EA_I_SOURCE_4V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	190
Min Limit	100



krad(Si)	Serial #	5008_SEP_Pre	HDR 5008	SEP_Post	HDR	Delta
0	48	145.842		146.075		0.233
25	1	140.733		139.858		-0.875
25	2	153.868		156.810		2.942
25	3	154.926		159.199		4.273
25	4	149.183		149.915		0.732
25	5	147.222		148.750		1.528
20	6	152.849		153.723		0.874
20	7	145.183		144.498		-0.685
20	8	146.487		144.495		-1.992
20	9	140.871		143.240		2.369
20	10	146.997		150.200		3.203
35	11	140.991		142.368		1.377
35	12	147.972		152.366		4.394
35	13	141.004		142.350		1.346
35	14	145.728		146.118		0.390
35	15	149.842		151.299		1.457
30	16	155.253		155.426		0.173
30	17	150.904		148.981		-1.923
30	18	149.929		156.436		6.507
30	19	152.333		152.622		0.289
30	20	157.748		156.544		-1.204
55	21	152.966		154.125		1.159
55	22	146.033		147.518		1.485
55	23	151.159		150.264		-0.895
55	24	149.032		151.102		2.070
55	25	150.972		154.075		3.103
55	26	161.624		165.917		4.293
55	27	142.583		146.648		4.065
55	28	152.483		153.750		1.267
55	29	148.436		150.199		1.763
55	30	142.480		145.263		2.783
55	31	145.083		147.007		1.924
55	32	145.049		150.359		5.310
55	33	154.129		155.949		1.820
55	34	143.721		147.137		3.416
55	35	150.508		151.220		0.712
55	36	147.655		148.506		0.851
55	37	145.486		146.139		0.653
55	38	147.662		150.521		2.859
55	39	143.500		143.135		-0.365
55	40	162.065		162.269		0.204
55	41	153.252		155.666		2.414
55	42	151.197		150.744		-0.453
50	43	148.534		150.453		1.919
50	44	142.513		144.271		1.758
50	45	155.199		159.564		4.365
50	46	145.778		146.055		0.277
50	47	148.143		147.954		-0.189
	Max	162.065		165.917		6.507
	Average	148.815		150.356		1.541
	Min	140.733		139.858		-1.992
	Std Dev	5.103		5.485		1.874

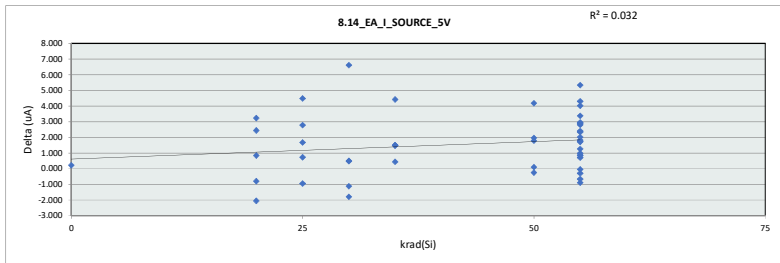
8.13_EA_I_SOURCE_4V	
Test Site	
Tester	
Test Number	
Max Limit	190 uA
Min Limit	100 uA

krad(Si)	0	20	25	30	35	50	55
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	146.075	143.240	139.858	148.981	142.350	144.271	143.135
Average	146.075	147.231	150.906	154.002	146.900	149.659	151.251
Max	146.075	153.723	159.199	156.544	152.366	159.564	165.917
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000



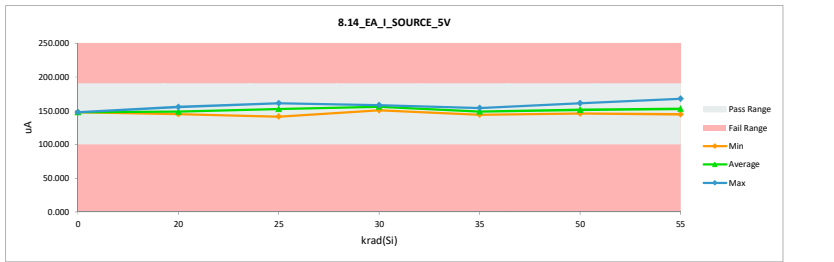
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.14_EA_I_SOURCE_5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	190
Min Limit	100



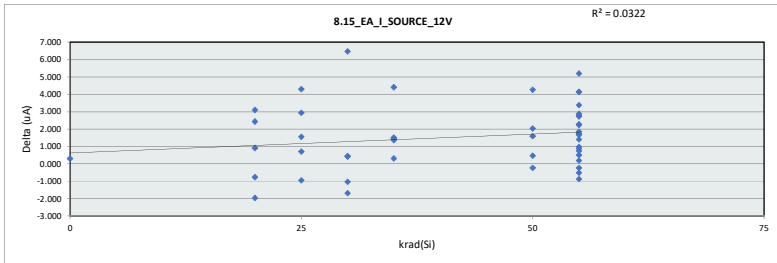
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	147.544	147.757	0.213
25	1	142.237	141.282	-0.955
25	2	155.522	158.289	2.767
25	3	156.624	161.090	4.466
25	4	150.708	151.426	0.718
25	5	148.905	150.571	1.666
20	6	154.606	155.439	0.833
20	7	146.811	146.006	-0.805
20	8	148.151	146.087	-2.064
20	9	142.413	144.845	2.432
20	10	148.510	151.728	3.218
35	11	142.533	144.023	1.490
35	12	149.770	154.176	4.406
35	13	142.549	144.023	1.474
35	14	147.319	147.740	0.421
35	15	151.647	153.126	1.479
30	16	156.897	157.383	0.486
30	17	152.502	150.695	-1.807
30	18	151.497	158.096	6.599
30	19	154.032	154.501	0.469
30	20	159.426	158.295	-1.131
55	21	154.547	155.519	0.972
55	22	147.431	149.136	1.705
55	23	152.753	151.848	-0.905
55	24	150.603	152.938	2.335
55	25	152.642	155.586	2.944
55	26	163.298	167.585	4.287
55	27	144.169	148.185	4.016
55	28	154.023	155.271	1.248
55	29	150.061	151.789	1.728
55	30	144.006	146.791	2.785
55	31	146.655	148.661	2.006
55	32	146.547	151.870	5.323
55	33	155.807	157.616	1.809
55	34	145.317	148.683	3.366
55	35	152.335	153.167	0.832
55	36	149.325	150.184	0.859
55	37	147.157	147.852	0.695
55	38	149.320	152.182	2.862
55	39	145.048	144.742	-0.306
55	40	164.022	163.971	-0.051
55	41	155.024	157.419	2.395
55	42	152.951	152.284	-0.667
50	43	150.217	152.174	1.957
50	44	144.170	145.947	1.777
50	45	156.953	161.122	4.169
50	46	147.495	147.587	0.092
50	47	149.825	149.564	-0.261
	Max	164.022	167.585	6.599
	Average	150.456	152.005	1.549
	Min	142.237	141.282	-2.064
	Std Dev	5.160	5.521	1.883

8.14_EA_I_SOURCE_5V	
Test Site	
Tester	
Test Number	
Max Limit	190 uA
Min Limit	100 uA



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

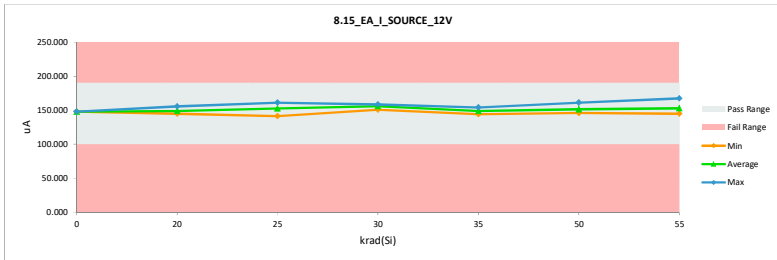
8.15_EA_I_SOURCE_12V		
Test Site		
Tester		
Test Number		
Unit	uA	uA
Max Limit	190	190
Min Limit	100	100



krad(Si)	Serial #	5008_SEP_Pre	HDR 5008	SEP_Post	HDR	Delta
0	48	147.557	147.847			0.290
25	1	142.211	141.252			-0.959
25	2	155.640	158.562			2.922
25	3	156.798	161.087			4.289
25	4	150.770	151.467			0.697
25	5	148.969	150.515			1.546
20	6	154.573	155.474			0.901
20	7	146.922	146.140			-0.782
20	8	148.385	146.409			-1.976
20	9	142.409	144.833			2.424
20	10	148.724	151.823			3.099
35	11	142.625	144.102			1.477
35	12	149.789	154.191			4.402
35	13	142.711	144.199			1.488
35	14	147.403	147.702			0.299
35	15	151.713	153.075			1.362
30	16	156.991	157.431			0.440
30	17	152.505	150.799			-1.706
30	18	151.527	157.985			6.458
30	19	154.014	154.419			0.405
30	20	159.480	158.436			-1.044
55	21	154.707	155.674			0.967
55	22	147.611	149.325			1.714
55	23	152.824	151.935			-0.889
55	24	150.676	152.901			2.225
55	25	152.694	155.410			2.716
55	26	163.235	167.371			4.136
55	27	144.242	148.376			4.134
55	28	154.030	155.424			1.394
55	29	150.138	151.802			1.664
55	30	144.182	146.946			2.764
55	31	146.711	148.551			1.840
55	32	146.580	151.765			5.185
55	33	155.830	157.544			1.714
55	34	145.390	148.758			3.368
55	35	152.264	153.131			0.867
55	36	149.513	150.245			0.732
55	37	147.303	147.799			0.496
55	38	149.405	152.276			2.871
55	39	145.078	144.831			-0.247
55	40	163.882	164.062			0.180
55	41	155.148	157.420			2.272
55	42	152.779	152.251			-0.528
50	43	150.233	152.257			2.024
50	44	144.184	145.766			1.582
50	45	156.974	161.230			4.256
50	46	147.379	147.828			0.449
50	47	149.928	149.687			-0.241
	Max	163.882	167.371			6.458
	Average	150.513	152.048			1.535
	Min	142.211	141.252			-1.976
	Std Dev	5.136	5.496			1.837

8.15_EA_I_SOURCE_12V		
Test Site		
Tester		
Test Number		
Max Limit	190	uA
Min Limit	100	uA

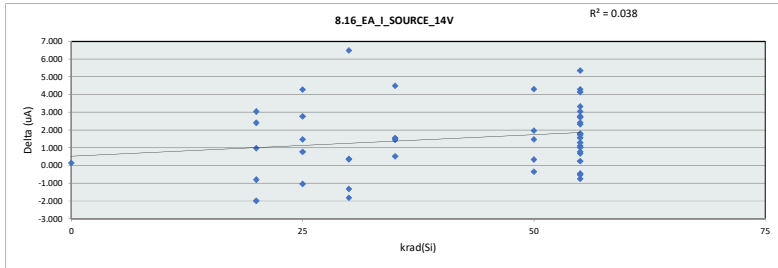
krad(Si)	0	20	25	30	35	50	55
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	147.847	144.833	141.252	150.799	144.102	145.766	144.831
Average	147.847	148.936	152.577	155.814	148.654	151.354	152.900
Max	147.847	155.474	161.087	158.436	154.191	161.230	167.371
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

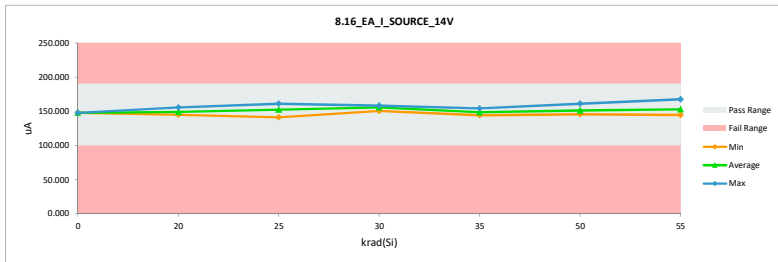
8.16_EA_I_SOURCE_14V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	190
Min Limit	100

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	147.650	147.783	0.133
25	1	142.178	141.134	-1.044
25	2	155.527	158.291	2.764
25	3	156.781	161.053	4.272
25	4	150.571	151.334	0.763
25	5	148.928	150.397	1.469
20	6	154.447	155.417	0.970
20	7	146.812	146.015	-0.797
20	8	148.259	146.258	-2.001
20	9	142.413	144.812	2.399
20	10	148.692	151.736	3.044
35	11	142.547	144.070	1.523
35	12	149.624	154.109	4.485
35	13	142.626	144.067	1.441
35	14	147.137	147.645	0.508
35	15	151.453	152.997	1.544
30	16	156.835	157.179	0.344
30	17	152.444	150.622	-1.822
30	18	151.438	157.922	6.484
30	19	153.978	154.344	0.366
30	20	159.420	158.093	-1.327
55	21	154.569	155.664	1.095
55	22	147.502	149.061	1.559
55	23	152.689	151.930	-0.759
55	24	150.576	152.894	2.318
55	25	152.595	155.363	2.768
55	26	163.207	167.496	4.289
55	27	144.118	148.256	4.138
55	28	153.972	155.258	1.286
55	29	150.064	151.846	1.782
55	30	144.101	146.810	2.709
55	31	146.671	148.467	1.796
55	32	146.455	151.801	5.346
55	33	155.725	157.447	1.722
55	34	145.296	148.616	3.320
55	35	152.223	152.991	0.768
55	36	149.242	150.259	1.017
55	37	147.188	147.865	0.677
55	38	149.255	152.296	3.041
55	39	145.008	144.551	-0.457
55	40	163.756	163.999	0.243
55	41	154.891	157.309	2.418
55	42	152.835	152.301	-0.534
50	43	150.147	152.108	1.961
50	44	144.138	145.602	1.464
50	45	156.850	161.149	4.299
50	46	147.334	147.671	0.337
50	47	149.918	149.561	-0.357
	Max	163.756	167.496	6.484
	Average	150.418	151.955	1.537
	Min	142.178	141.134	-2.001
	Std Dev	5.129	5.510	1.872



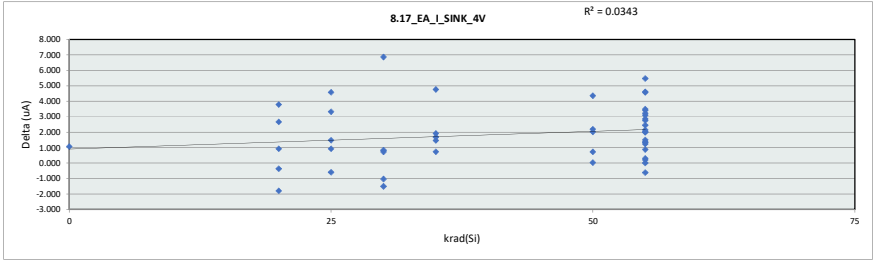
8.16_EA_I_SOURCE_14V	
Test Site	
Tester	
Test Number	
Max Limit	190 uA
Min Limit	100 uA

krad(Si)	0	20	25	30	35	50	55
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	147.783	144.812	141.134	150.622	144.067	145.602	144.551
Average	147.783	148.848	152.442	155.632	148.578	151.218	152.840
Max	147.783	155.417	161.053	158.093	154.109	161.149	167.496
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000



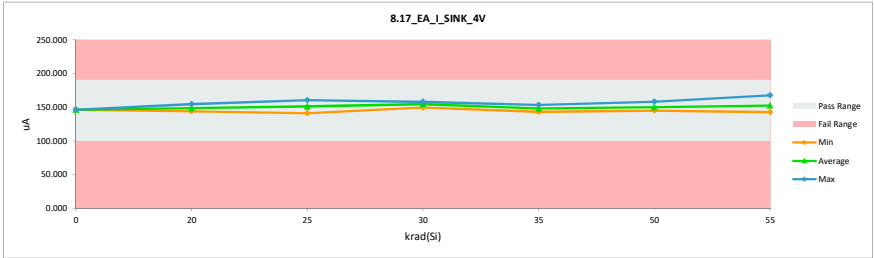
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.17_EA_I_SINK_4V	
Test Site	
Tester	
Test Number	
Unit	uA uA
Max Limit	190
Min Limit	100



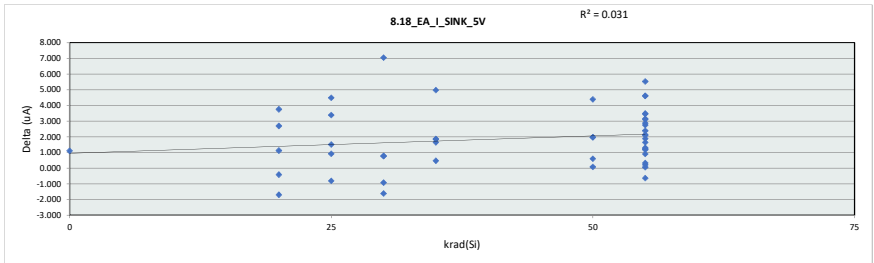
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	145.209	146.265	1.056
25	1	141.471	140.860	-0.611
25	2	153.169	156.478	3.309
25	3	155.814	160.379	4.565
25	4	148.025	148.936	0.911
25	5	147.110	148.583	1.473
20	6	153.479	154.397	0.918
20	7	144.029	143.645	-0.384
20	8	149.289	147.482	-1.807
20	9	143.113	145.769	2.656
20	10	147.997	151.769	3.772
35	11	141.484	142.932	1.448
35	12	147.465	152.213	4.748
35	13	141.438	143.103	1.665
35	14	147.622	148.348	0.726
35	15	151.382	153.284	1.902
30	16	154.061	154.887	0.826
30	17	150.907	149.392	-1.515
30	18	151.067	157.915	6.848
30	19	154.124	154.840	0.716
30	20	156.605	155.561	-1.044
55	21	154.893	156.242	1.349
55	22	149.206	151.211	2.005
55	23	149.486	148.864	-0.622
55	24	149.507	152.248	2.741
55	25	153.567	156.971	3.404
55	26	162.870	167.475	4.605
55	27	141.948	146.502	4.554
55	28	153.099	154.590	1.491
55	29	150.051	152.032	1.981
55	30	143.521	146.726	3.205
55	31	148.280	150.711	2.431
55	32	144.686	150.141	5.455
55	33	155.746	157.883	2.137
55	34	144.457	147.938	3.481
55	35	148.161	149.027	0.866
55	36	147.680	149.009	1.329
55	37	146.281	147.501	1.220
55	38	148.280	151.362	3.082
55	39	142.576	142.569	-0.007
55	40	160.852	161.144	0.292
55	41	154.640	157.487	2.847
55	42	152.127	152.321	0.194
50	43	146.378	148.554	2.176
50	44	142.914	144.922	2.008
50	45	153.579	157.928	4.349
50	46	147.597	148.308	0.711
50	47	149.609	149.633	0.024
	Max	162.870	167.475	6.848
	Average	149.309	151.174	1.864
	Min	141.438	140.860	-1.807
	Std Dev	5.029	5.436	1.868

8.17_EA_I_SINK_4V							
Test Site							
Tester							
Test Number							
Max Limit	190 uA						
Min Limit	100 uA						
krad(Si)	0	20	25	30	35	50	55
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	146.265	143.645	140.860	149.392	142.932	144.922	142.569
Average	146.265	148.612	151.047	154.519	147.976	149.869	152.271
Max	146.265	154.397	160.379	157.915	153.284	157.928	167.475
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000



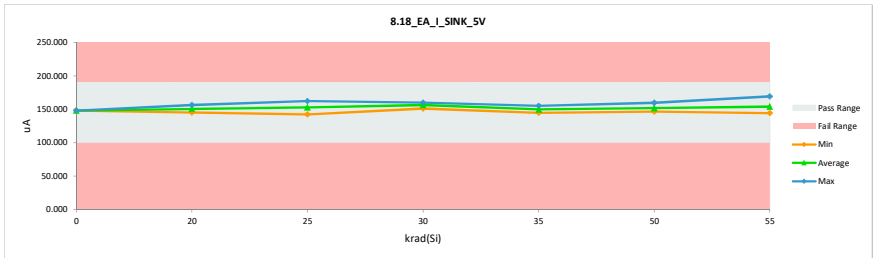
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.18_EA_I_SINK_5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	190
Min Limit	100



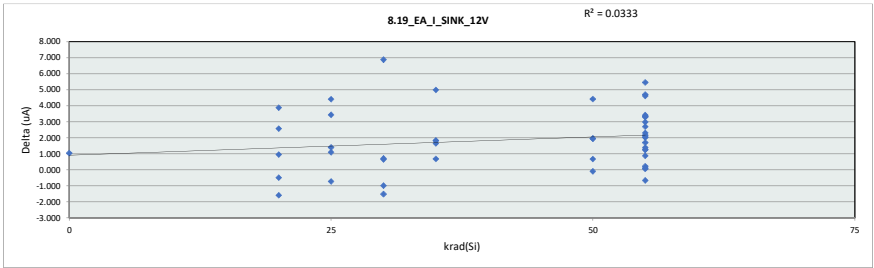
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	147.016	148.117	1.101
25	1	143.141	142.324	-0.817
25	2	154.873	158.252	3.379
25	3	157.660	162.138	4.478
25	4	149.692	150.598	0.906
25	5	148.897	150.399	1.502
20	6	155.179	156.291	1.112
20	7	145.605	145.183	-0.422
20	8	151.161	149.460	-1.701
20	9	144.896	147.579	2.683
20	10	149.668	153.417	3.749
35	11	143.013	144.845	1.832
35	12	149.170	154.132	4.962
35	13	143.160	144.800	1.640
35	14	149.533	150.004	0.471
35	15	153.181	155.038	1.857
30	16	155.952	156.725	0.773
30	17	152.701	151.084	-1.617
30	18	152.781	159.820	7.039
30	19	156.064	156.834	0.770
30	20	158.492	157.565	-0.927
55	21	156.705	157.881	1.176
55	22	151.009	152.885	1.876
55	23	151.300	150.657	-0.643
55	24	151.260	153.999	2.739
55	25	155.222	158.669	3.447
55	26	164.671	169.265	4.594
55	27	143.671	148.278	4.607
55	28	154.723	156.357	1.634
55	29	151.809	153.894	2.085
55	30	145.220	148.368	3.148
55	31	150.052	152.433	2.381
55	32	146.343	151.861	5.518
55	33	157.579	159.710	2.131
55	34	146.213	149.692	3.479
55	35	150.067	150.966	0.899
55	36	149.438	150.735	1.297
55	37	148.168	149.398	1.230
55	38	150.126	153.237	3.111
55	39	144.331	144.390	0.059
55	40	162.863	163.188	0.325
55	41	156.456	159.321	2.865
55	42	153.884	154.093	0.209
50	43	148.194	150.153	1.959
50	44	144.558	146.530	1.972
50	45	155.280	159.659	4.379
50	46	149.470	150.068	0.598
50	47	151.386	151.458	0.072
	Max	164.671	169.265	7.039
	Average	151.080	152.953	1.873
	Min	143.013	142.324	-1.701
	Std Dev	5.073	5.478	1.891

8.18_EA_I_SINK_5V							
Test Site							
Tester							
Test Number							
Max Limit	190 uA						
Min Limit	100 uA						
krad(Si)	0	20	25	30	35	50	55
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	148.117	145.183	142.324	151.084	144.800	146.530	144.390
Average	148.117	150.386	152.742	156.406	149.764	151.574	154.058
Max	148.117	156.291	162.138	159.820	155.038	159.659	169.265
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000



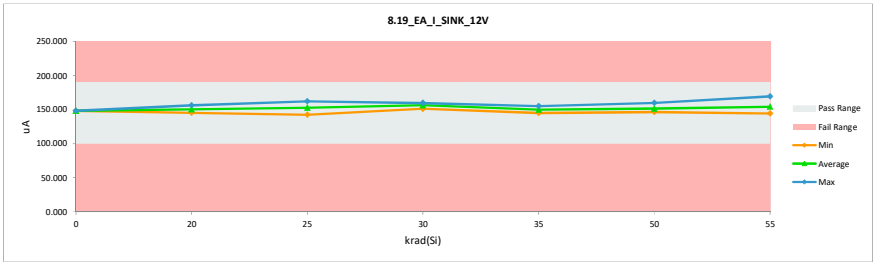
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

8.19_EA_I_SINK_12V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	190
Min Limit	100



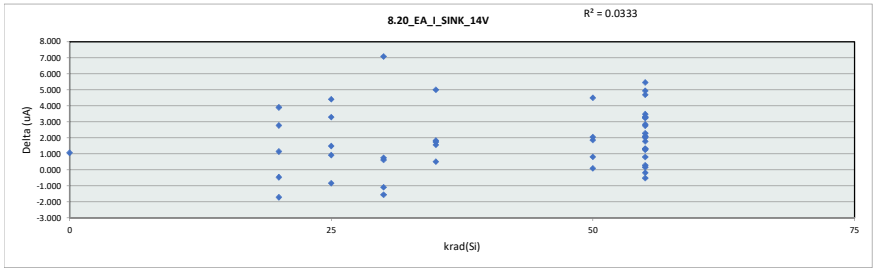
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	147.262	148.290	1.028
25	1	143.173	142.436	-0.737
25	2	155.042	158.460	3.418
25	3	157.842	162.240	4.398
25	4	149.515	150.596	1.081
25	5	148.956	150.342	1.386
20	6	155.396	156.339	0.943
20	7	145.736	145.234	-0.502
20	8	151.159	149.562	-1.597
20	9	144.992	147.552	2.560
20	10	149.691	153.556	3.865
35	11	143.075	144.893	1.818
35	12	149.243	154.223	4.980
35	13	143.239	144.878	1.639
35	14	149.466	150.132	0.666
35	15	153.339	155.137	1.798
30	16	156.059	156.702	0.643
30	17	152.758	151.227	-1.531
30	18	152.797	159.663	6.866
30	19	156.135	156.830	0.695
30	20	158.586	157.586	-1.000
55	21	156.848	158.075	1.227
55	22	150.945	153.094	2.149
55	23	151.397	150.722	-0.675
55	24	151.406	154.084	2.678
55	25	155.288	158.692	3.404
55	26	164.810	169.405	4.595
55	27	143.766	148.456	4.690
55	28	154.804	156.488	1.684
55	29	151.915	153.943	2.028
55	30	145.181	148.511	3.330
55	31	150.156	152.449	2.293
55	32	146.355	151.801	5.446
55	33	157.626	159.638	2.012
55	34	146.383	149.663	3.280
55	35	150.159	151.018	0.859
55	36	149.499	150.883	1.384
55	37	148.262	149.516	1.254
55	38	150.158	153.470	3.312
55	39	144.336	144.422	0.086
55	40	162.950	163.158	0.208
55	41	156.408	159.383	2.975
55	42	154.039	154.081	0.042
50	43	148.334	150.268	1.934
50	44	144.562	146.509	1.947
50	45	155.399	159.804	4.405
50	46	149.651	150.312	0.661
50	47	151.595	151.487	-0.108
	Max	164.810	169.405	6.866
	Average	151.160	153.025	1.865
	Min	143.075	142.436	-1.597
	Std Dev	5.090	5.472	1.888

8.19_EA_I_SINK_12V							
Test Site							
Tester							
Test Number							
Max Limit	190 uA						
Min Limit	100 uA						
krad(Si)	0	20	25	30	35	50	55
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	148.290	145.234	142.436	151.227	144.878	146.509	144.422
Average	148.290	150.449	152.815	156.402	149.853	151.676	154.134
Max	148.290	156.339	162.240	159.663	155.137	159.804	169.405
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

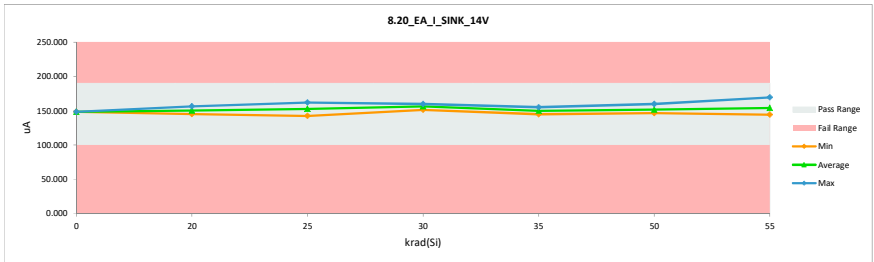
8.20_EA_I_SINK_14V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	190
Min Limit	100



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	147.174	148.235	1.061
25	1	143.109	142.271	-0.838
25	2	154.991	158.277	3.286
25	3	157.672	162.072	4.400
25	4	149.496	150.406	0.910
25	5	148.935	150.415	1.480
20	6	155.265	156.400	1.135
20	7	145.648	145.181	-0.467
20	8	151.082	149.358	-1.724
20	9	144.860	147.629	2.769
20	10	149.572	153.460	3.888
35	11	143.161	144.898	1.737
35	12	149.093	154.084	4.991
35	13	143.163	144.712	1.549
35	14	149.508	150.010	0.502
35	15	153.256	155.077	1.821
30	16	155.976	156.589	0.613
30	17	152.664	151.105	-1.559
30	18	152.625	159.698	7.073
30	19	156.044	156.783	0.739
30	20	158.480	157.387	-1.093
55	21	156.702	157.997	1.295
55	22	150.838	152.847	2.009
55	23	151.278	150.757	-0.521
55	24	151.263	154.006	2.743
55	25	155.175	158.477	3.302
55	26	164.467	169.395	4.928
55	27	143.679	148.359	4.680
55	28	154.633	156.405	1.772
55	29	151.814	153.895	2.081
55	30	145.164	148.393	3.229
55	31	150.038	152.310	2.272
55	32	146.331	151.779	5.448
55	33	157.467	159.548	2.081
55	34	146.262	149.726	3.464
55	35	150.062	150.857	0.795
55	36	149.570	150.887	1.317
55	37	148.196	149.441	1.245
55	38	150.085	153.360	3.275
55	39	144.372	144.180	-0.192
55	40	162.899	163.050	0.151
55	41	156.435	159.265	2.830
55	42	153.769	154.041	0.272
50	43	148.122	150.169	2.047
50	44	144.544	146.394	1.850
50	45	155.290	159.779	4.489
50	46	149.406	150.208	0.802
50	47	151.376	151.460	0.084
	Max	164.467	169.395	7.073
	Average	151.063	152.938	1.875
	Min	143.109	142.271	-1.724
	Std Dev	5.055	5.476	1.917

8.20_EA_I_SINK_14V	
Test Site	
Tester	
Test Number	
Max Limit	190 uA
Min Limit	100 uA

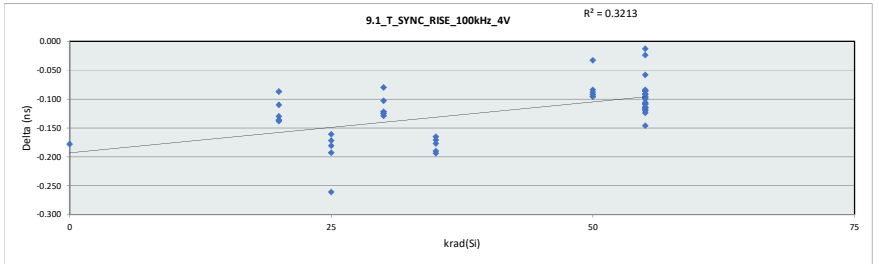
krad(Si)	0	20	25	30	35	50	55
LL	100.000	100.000	100.000	100.000	100.000	100.000	100.000
Min	148.235	145.181	142.271	151.105	144.712	146.394	144.180
Average	148.235	150.406	152.688	156.312	149.756	151.602	154.044
Max	148.235	156.400	162.072	159.698	155.077	159.779	169.395
UL	190.000	190.000	190.000	190.000	190.000	190.000	190.000



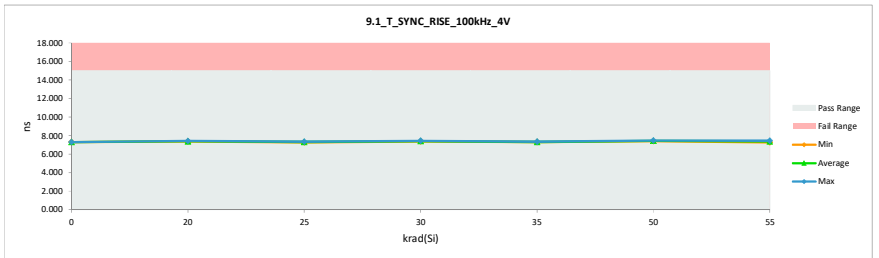
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

9.1_T_SYNC_RISE_100kHz_4V		
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14.5	15
Min Limit	0	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.470	7.292	-0.178
25	1	7.517	7.324	-0.193
25	2	7.505	7.244	-0.261
25	3	7.490	7.309	-0.181
25	4	7.508	7.336	-0.172
25	5	7.465	7.304	-0.161
20	6	7.481	7.371	-0.110
20	7	7.503	7.416	-0.087
20	8	7.503	7.367	-0.136
20	9	7.500	7.362	-0.138
20	10	7.495	7.365	-0.130
35	11	7.489	7.318	-0.171
35	12	7.465	7.300	-0.165
35	13	7.485	7.295	-0.190
35	14	7.464	7.287	-0.177
35	15	7.528	7.334	-0.194
30	16	7.488	7.408	-0.080
30	17	7.532	7.429	-0.103
30	18	7.496	7.367	-0.129
30	19	7.487	7.362	-0.125
30	20	7.513	7.391	-0.122
55	21	7.498	7.374	-0.124
55	22	7.472	7.388	-0.084
55	23	7.454	7.368	-0.086
55	24	7.447	7.330	-0.117
55	25	7.455	7.346	-0.109
55	26	7.474	7.450	-0.024
55	27	7.495	7.409	-0.086
55	28	7.469	7.377	-0.092
55	29	7.477	7.357	-0.120
55	30	7.440	7.332	-0.108
55	31	7.415	7.357	-0.058
55	32	7.425	7.334	-0.091
55	33	7.468	7.362	-0.106
55	34	7.462	7.362	-0.100
55	35	7.378	7.263	-0.115
55	36	7.456	7.443	-0.013
55	37	7.447	7.349	-0.098
55	38	7.487	7.341	-0.146
55	39	7.446	7.350	-0.096
55	40	7.464	7.349	-0.115
55	41	7.492	7.373	-0.119
55	42	7.506	7.392	-0.114
50	43	7.486	7.390	-0.096
50	44	7.504	7.471	-0.033
50	45	7.511	7.427	-0.084
50	46	7.488	7.396	-0.092
50	47	7.514	7.426	-0.088
	Max	7.532	7.471	-0.061
	Average	7.479	7.360	-0.119
	Min	7.378	7.244	-0.261
	Std Dev	0.030	0.048	0.047

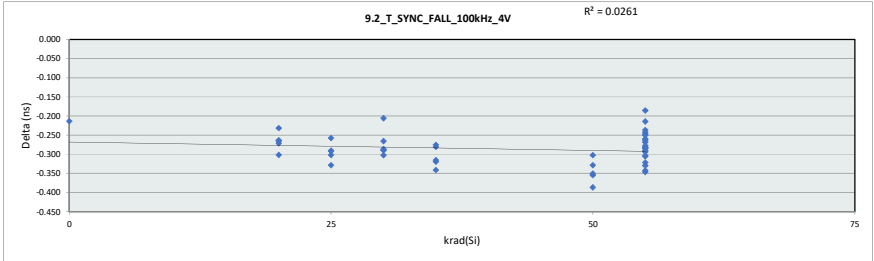


9.1_T_SYNC_RISE_100kHz_4V							
Test Site							
Tester							
Test Number							
Max Limit	15	ns					
Min Limit	0	ns					
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.292	7.362	7.244	7.362	7.287	7.390	7.263
Average	7.292	7.376	7.303	7.391	7.307	7.422	7.364
Max	7.292	7.416	7.336	7.429	7.334	7.471	7.450
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

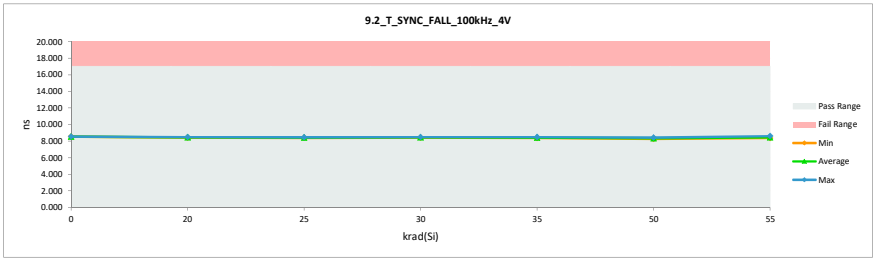
9.2_T_SYNC_FALL_100kHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14.5
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.755	8.541	-0.214
25	1	8.745	8.454	-0.291
25	2	8.723	8.394	-0.329
25	3	8.719	8.427	-0.292
25	4	8.695	8.437	-0.258
25	5	8.702	8.400	-0.302
20	6	8.715	8.413	-0.302
20	7	8.685	8.419	-0.266
20	8	8.754	8.482	-0.272
20	9	8.728	8.496	-0.232
20	10	8.701	8.437	-0.264
35	11	8.753	8.437	-0.316
35	12	8.673	8.392	-0.281
35	13	8.702	8.382	-0.320
35	14	8.750	8.474	-0.276
35	15	8.725	8.383	-0.342
30	16	8.679	8.473	-0.206
30	17	8.737	8.434	-0.303
30	18	8.710	8.444	-0.266
30	19	8.730	8.440	-0.290
30	20	8.694	8.407	-0.287
55	21	8.748	8.401	-0.347
55	22	8.690	8.439	-0.251
55	23	8.751	8.460	-0.291
55	24	8.737	8.454	-0.283
55	25	8.784	8.502	-0.282
55	26	8.778	8.592	-0.186
55	27	8.734	8.497	-0.237
55	28	8.688	8.358	-0.330
55	29	8.753	8.459	-0.294
55	30	8.689	8.474	-0.215
55	31	8.725	8.477	-0.248
55	32	8.684	8.380	-0.304
55	33	8.709	8.366	-0.343
55	34	8.796	8.474	-0.322
55	35	8.814	8.536	-0.278
55	36	8.670	8.386	-0.284
55	37	8.617	8.374	-0.243
55	38	8.670	8.407	-0.263
55	39	8.655	8.395	-0.260
55	40	8.675	8.406	-0.269
55	41	8.695	8.389	-0.306
55	42	8.657	8.371	-0.286
50	43	8.735	8.432	-0.303
50	44	8.644	8.257	-0.387
50	45	8.670	8.341	-0.329
50	46	8.732	8.381	-0.351
50	47	8.678	8.323	-0.355
	Max	8.814	8.592	-0.186
	Average	8.714	8.427	-0.287
	Min	8.617	8.257	-0.387
	Std Dev	0.041	0.059	0.041

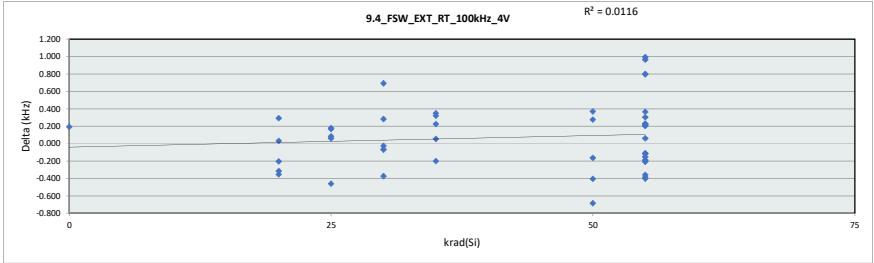
9.2_T_SYNC_FALL_100kHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.541	8.413	8.394	8.407	8.382	8.257	8.358
Average	8.541	8.449	8.422	8.440	8.414	8.347	8.436
Max	8.541	8.496	8.454	8.473	8.474	8.432	8.592
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

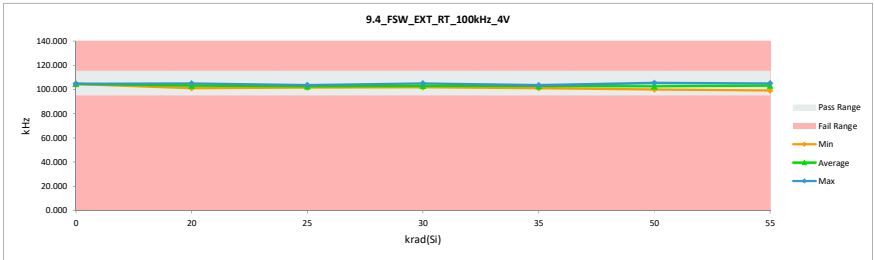
9.4_FSW_EXT_RT_100kHz_4V		
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95



9.4_FSW_EXT_RT_100kHz_4V		
Test Site		
Tester		
Test Number		
Max Limit	115	kHz
Min Limit	95	kHz

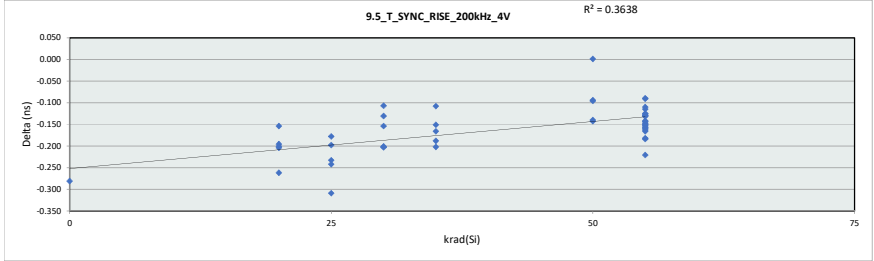
krad(Si)	0	20	25	30	35	50	55
LL	95.000	95.000	95.000	95.000	95.000	95.000	95.000
Min	104.579	101.146	101.518	101.698	101.154	99.991	99.072
Average	104.579	103.222	102.570	103.043	102.745	102.647	103.208
Max	104.579	104.897	103.542	104.818	103.503	105.311	104.943
UL	115.000	115.000	115.000	115.000	115.000	115.000	115.000

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	104.388	104.579	0.191
25	1	102.592	102.675	0.083
25	2	101.352	101.518	0.166
25	3	103.365	103.542	0.177
25	4	103.464	103.003	-0.461
25	5	102.051	102.110	0.059
20	6	103.939	103.623	-0.316
20	7	103.852	103.646	-0.206
20	8	102.767	102.797	0.030
20	9	100.855	101.146	0.291
20	10	105.252	104.897	-0.355
35	11	103.627	103.424	-0.203
35	12	102.552	102.605	0.053
35	13	103.185	103.503	0.318
35	14	100.931	101.154	0.223
35	15	102.691	103.039	0.348
30	16	103.102	103.794	0.692
30	17	103.139	103.069	-0.070
30	18	104.537	104.818	0.281
30	19	101.726	101.698	-0.028
30	20	102.213	101.838	-0.375
55	21	101.103	100.912	-0.191
55	22	104.147	104.943	0.796
55	23	103.513	103.718	0.205
55	24	102.544	103.536	0.992
55	25	103.321	103.206	-0.115
55	26	99.431	99.072	-0.359
55	27	103.532	104.496	0.964
55	28	101.866	102.068	0.202
55	29	103.562	103.409	-0.153
55	30	103.205	103.004	-0.201
55	31	104.186	103.800	-0.386
55	32	102.218	103.016	0.798
55	33	104.873	104.932	0.059
55	34	103.347	102.945	-0.402
55	35	103.164	103.050	-0.114
55	36	102.877	103.100	0.223
55	37	103.239	103.467	0.228
55	38	103.309	103.531	0.222
55	39	103.854	104.218	0.364
55	40	103.949	103.833	-0.116
55	41	103.460	103.762	0.302
55	42	102.765	102.555	-0.210
50	43	103.577	103.171	-0.406
50	44	102.411	101.725	-0.686
50	45	103.203	103.038	-0.165
50	46	104.943	105.311	0.368
50	47	99.716	99.991	0.275
	Max	105.252	105.311	0.992
	Average	102.977	103.048	0.071
	Min	99.431	99.072	-0.686
	Std Dev	1.222	1.273	0.375



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

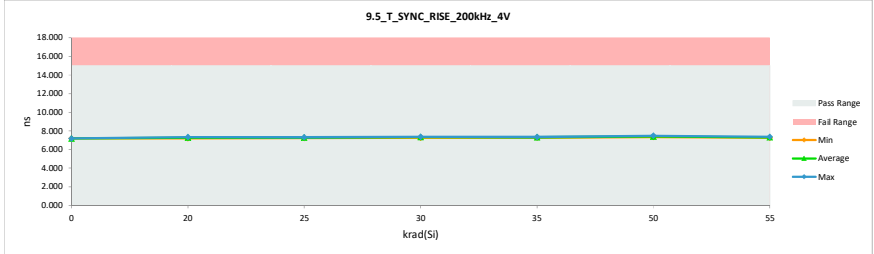
9.5_T_SYNC_RISE_200kHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14.5
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.465	7.184	-0.281
25	1	7.542	7.233	-0.309
25	2	7.496	7.318	-0.178
25	3	7.502	7.260	-0.242
25	4	7.492	7.294	-0.198
25	5	7.454	7.221	-0.233
20	6	7.470	7.208	-0.262
20	7	7.490	7.286	-0.204
20	8	7.463	7.267	-0.196
20	9	7.485	7.284	-0.201
20	10	7.481	7.327	-0.154
35	11	7.462	7.296	-0.166
35	12	7.455	7.347	-0.108
35	13	7.487	7.336	-0.151
35	14	7.466	7.278	-0.188
35	15	7.522	7.320	-0.202
30	16	7.467	7.360	-0.107
30	17	7.507	7.353	-0.154
30	18	7.479	7.348	-0.131
30	19	7.474	7.271	-0.203
30	20	7.518	7.317	-0.201
55	21	7.483	7.354	-0.129
55	22	7.450	7.308	-0.142
55	23	7.455	7.299	-0.156
55	24	7.436	7.311	-0.125
55	25	7.442	7.332	-0.110
55	26	7.481	7.337	-0.144
55	27	7.471	7.305	-0.166
55	28	7.457	7.331	-0.126
55	29	7.534	7.313	-0.221
55	30	7.404	7.314	-0.090
55	31	7.404	7.313	-0.091
55	32	7.419	7.261	-0.158
55	33	7.449	7.267	-0.182
55	34	7.459	7.275	-0.184
55	35	7.382	7.267	-0.115
55	36	7.424	7.292	-0.132
55	37	7.431	7.301	-0.130
55	38	7.456	7.304	-0.152
55	39	7.445	7.282	-0.163
55	40	7.458	7.298	-0.160
55	41	7.462	7.312	-0.150
55	42	7.470	7.322	-0.148
50	43	7.478	7.338	-0.140
50	44	7.481	7.338	-0.143
50	45	7.506	7.410	-0.096
50	46	7.473	7.474	0.001
50	47	7.486	7.392	-0.094
	Max	7.542	7.474	0.001
	Average	7.468	7.307	-0.161
	Min	7.382	7.184	-0.309
	Std Dev	0.032	0.049	0.054

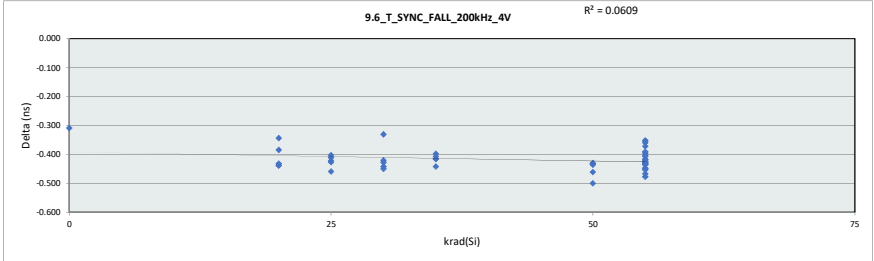
9.5_T_SYNC_RISE_200kHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.184	7.208	7.221	7.271	7.278	7.338	7.261
Average	7.184	7.274	7.265	7.330	7.315	7.390	7.304
Max	7.184	7.327	7.318	7.360	7.347	7.474	7.354
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

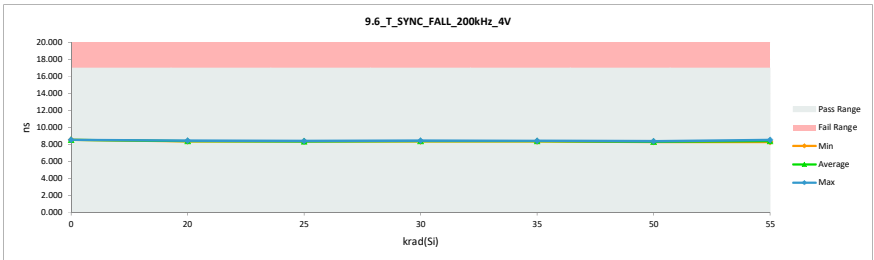
9.6_T_SYNC_FALL_200kHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.854	8.545	-0.309
25	1	8.842	8.420	-0.422
25	2	8.812	8.353	-0.459
25	3	8.794	8.383	-0.411
25	4	8.778	8.375	-0.403
25	5	8.800	8.373	-0.427
20	6	8.800	8.362	-0.438
20	7	8.791	8.406	-0.385
20	8	8.851	8.412	-0.439
20	9	8.835	8.403	-0.432
20	10	8.787	8.443	-0.344
35	11	8.832	8.390	-0.442
35	12	8.770	8.372	-0.398
35	13	8.793	8.377	-0.416
35	14	8.834	8.427	-0.407
35	15	8.826	8.410	-0.416
30	16	8.774	8.443	-0.331
30	17	8.849	8.421	-0.428
30	18	8.817	8.396	-0.421
30	19	8.831	8.381	-0.450
30	20	8.788	8.346	-0.442
55	21	8.840	8.406	-0.434
55	22	8.802	8.370	-0.432
55	23	8.866	8.440	-0.426
55	24	8.841	8.445	-0.396
55	25	8.874	8.426	-0.448
55	26	8.875	8.523	-0.352
55	27	8.856	8.408	-0.448
55	28	8.771	8.294	-0.477
55	29	8.864	8.436	-0.428
55	30	8.788	8.416	-0.372
55	31	8.812	8.393	-0.419
55	32	8.772	8.381	-0.391
55	33	8.793	8.376	-0.417
55	34	8.883	8.416	-0.467
55	35	8.930	8.494	-0.436
55	36	8.769	8.366	-0.403
55	37	8.701	8.348	-0.353
55	38	8.771	8.364	-0.407
55	39	8.763	8.339	-0.424
55	40	8.751	8.298	-0.453
55	41	8.791	8.357	-0.434
55	42	8.751	8.391	-0.360
50	43	8.824	8.324	-0.500
50	44	8.716	8.280	-0.436
50	45	8.756	8.295	-0.461
50	46	8.815	8.382	-0.433
50	47	8.771	8.341	-0.430
	Max	8.930	8.545	-0.309
	Average	8.808	8.391	-0.418
	Min	8.701	8.280	-0.500
	Std Dev	0.045	0.053	0.038

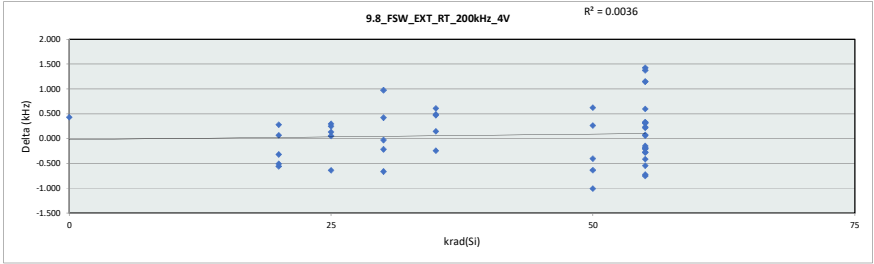
9.6_T_SYNC_FALL_200kHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.545	8.362	8.353	8.346	8.372	8.280	8.294
Average	8.545	8.405	8.381	8.397	8.395	8.324	8.395
Max	8.545	8.443	8.420	8.443	8.427	8.382	8.523
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

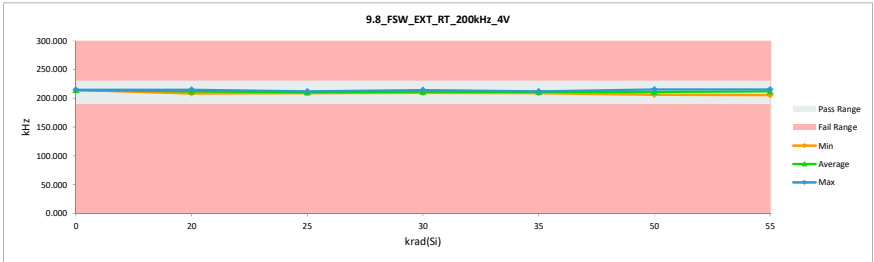
9.8_FSW_EXT_RT_200kHz_4V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	230
Min Limit	190



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	214.074	214.501	0.427
25	1	211.050	211.180	0.130
25	2	208.571	208.817	0.246
25	3	211.651	211.945	0.294
25	4	212.164	211.522	-0.642
25	5	210.260	210.310	0.050
20	6	213.265	212.753	-0.512
20	7	213.032	212.711	-0.321
20	8	211.105	211.168	0.063
20	9	208.112	208.387	0.275
20	10	215.394	214.830	-0.564
35	11	212.344	212.095	-0.249
35	12	210.778	210.921	0.143
35	13	211.642	212.108	0.466
35	14	208.466	208.950	0.484
35	15	211.418	212.024	0.606
30	16	211.500	212.471	0.971
30	17	211.847	211.626	-0.221
30	18	213.610	214.028	0.418
30	19	209.511	209.477	-0.034
30	20	210.265	209.596	-0.669
55	21	208.433	208.014	-0.419
55	22	212.783	213.929	1.146
55	23	212.832	213.151	0.319
55	24	210.896	212.319	1.423
55	25	212.072	211.921	-0.151
55	26	205.865	205.317	-0.548
55	27	212.093	213.464	1.371
55	28	209.430	209.757	0.327
55	29	212.280	211.998	-0.282
55	30	212.012	211.800	-0.212
55	31	213.591	212.864	-0.727
55	32	210.639	211.779	1.140
55	33	215.288	215.345	0.057
55	34	212.320	211.564	-0.756
55	35	211.891	211.612	-0.279
55	36	211.321	211.393	0.072
55	37	211.781	211.995	0.214
55	38	212.211	212.439	0.228
55	39	212.865	213.460	0.595
55	40	212.969	212.763	-0.206
55	41	212.052	212.359	0.307
55	42	211.593	211.404	-0.189
50	43	212.437	211.798	-0.639
50	44	210.324	209.312	-1.012
50	45	212.074	211.666	-0.408
50	46	214.696	215.314	0.618
50	47	206.075	206.333	0.258
	Max	215.394	215.345	1.423
	Average	211.518	211.594	0.075
	Min	205.865	205.317	-1.012
	Std Dev	2.002	2.071	0.564

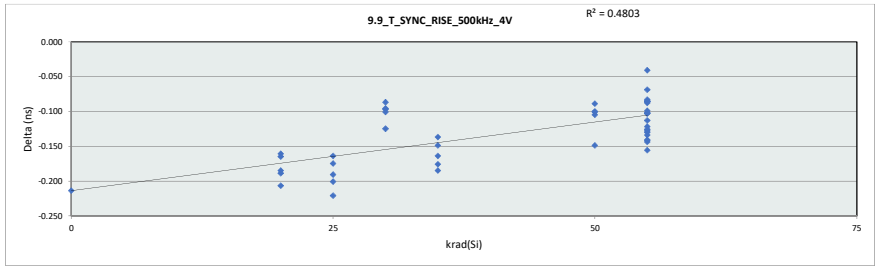
9.8_FSW_EXT_RT_200kHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	230 kHz
Min Limit	190 kHz

krad(Si)	0	20	25	30	35	50	55
LL	190.000	190.000	190.000	190.000	190.000	190.000	190.000
Min	214.501	208.387	208.817	209.477	208.950	206.333	205.317
Average	214.501	211.970	211.755	211.440	211.220	210.885	211.848
Max	214.501	214.830	211.945	214.028	212.108	215.314	215.345
UL	230.000	230.000	230.000	230.000	230.000	230.000	230.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

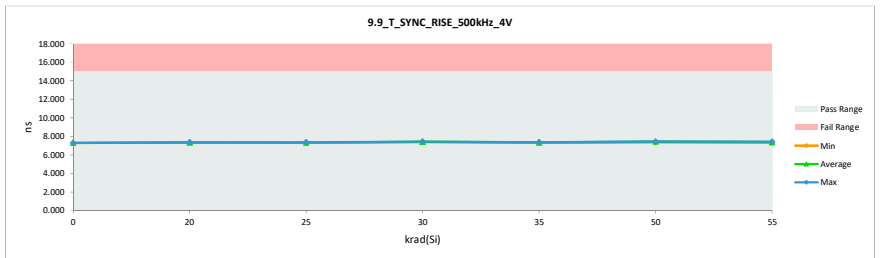
9.9_T_SYNC_RISE_500kHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14.5
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.494	7.280	-0.214
25	1	7.520	7.299	-0.221
25	2	7.506	7.305	-0.201
25	3	7.527	7.336	-0.191
25	4	7.533	7.358	-0.175
25	5	7.458	7.294	-0.164
20	6	7.501	7.316	-0.185
20	7	7.544	7.355	-0.189
20	8	7.515	7.354	-0.161
20	9	7.528	7.321	-0.207
20	10	7.516	7.351	-0.165
35	11	7.516	7.352	-0.164
35	12	7.474	7.337	-0.137
35	13	7.522	7.346	-0.176
35	14	7.495	7.346	-0.149
35	15	7.545	7.360	-0.185
30	16	7.488	7.401	-0.087
30	17	7.528	7.431	-0.097
30	18	7.513	7.417	-0.096
30	19	7.507	7.406	-0.101
30	20	7.526	7.401	-0.125
55	21	7.512	7.368	-0.144
55	22	7.504	7.435	-0.069
55	23	7.465	7.352	-0.113
55	24	7.484	7.398	-0.086
55	25	7.463	7.329	-0.134
55	26	7.478	7.392	-0.086
55	27	7.493	7.394	-0.099
55	28	7.506	7.380	-0.126
55	29	7.501	7.399	-0.102
55	30	7.457	7.354	-0.103
55	31	7.445	7.404	-0.041
55	32	7.452	7.330	-0.122
55	33	7.455	7.372	-0.083
55	34	7.467	7.311	-0.156
55	35	7.415	7.330	-0.085
55	36	7.491	7.350	-0.141
55	37	7.480	7.377	-0.103
55	38	7.488	7.360	-0.128
55	39	7.458	7.370	-0.088
55	40	7.481	7.395	-0.086
55	41	7.509	7.367	-0.142
55	42	7.504	7.374	-0.130
50	43	7.510	7.410	-0.100
50	44	7.523	7.434	-0.089
50	45	7.535	7.430	-0.105
50	46	7.514	7.365	-0.149
50	47	7.544	7.443	-0.101
	Max	7.545	7.443	-0.041
	Average	7.498	7.366	-0.131
	Min	7.415	7.280	-0.221
	Std Dev	0.029	0.040	0.043

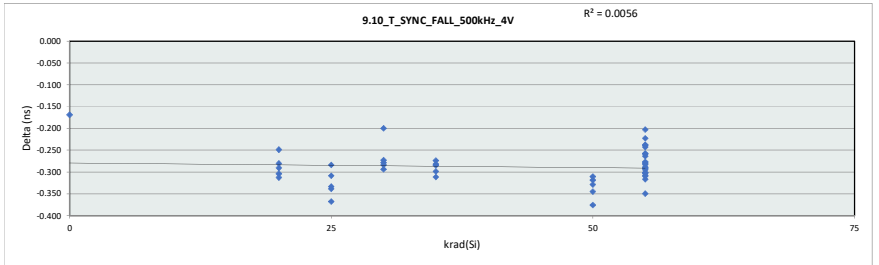
9.9_T_SYNC_RISE_500kHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.280	7.316	7.294	7.401	7.337	7.365	7.311
Average	7.280	7.339	7.318	7.411	7.348	7.416	7.370
Max	7.280	7.355	7.358	7.431	7.360	7.443	7.435
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

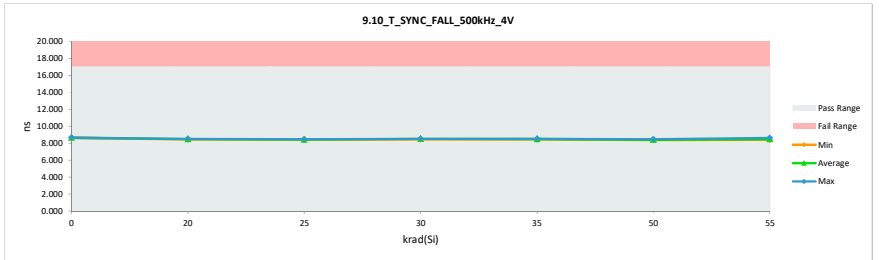
9.10_T_SYNC_FALL_500kHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.817	8.648	-0.169
25	1	8.809	8.470	-0.339
25	2	8.780	8.471	-0.309
25	3	8.767	8.399	-0.368
25	4	8.741	8.457	-0.284
25	5	8.754	8.420	-0.334
20	6	8.771	8.458	-0.313
20	7	8.749	8.445	-0.304
20	8	8.775	8.526	-0.249
20	9	8.765	8.474	-0.291
20	10	8.762	8.481	-0.281
35	11	8.793	8.511	-0.282
35	12	8.732	8.447	-0.285
35	13	8.769	8.457	-0.312
35	14	8.801	8.527	-0.274
35	15	8.768	8.469	-0.299
30	16	8.726	8.526	-0.200
30	17	8.791	8.507	-0.284
30	18	8.760	8.487	-0.273
30	19	8.783	8.504	-0.279
30	20	8.757	8.463	-0.294
55	21	8.816	8.466	-0.350
55	22	8.769	8.546	-0.223
55	23	8.821	8.563	-0.258
55	24	8.793	8.550	-0.243
55	25	8.846	8.538	-0.308
55	26	8.828	8.625	-0.203
55	27	8.815	8.523	-0.292
55	28	8.745	8.454	-0.291
55	29	8.795	8.536	-0.259
55	30	8.753	8.489	-0.264
55	31	8.777	8.538	-0.239
55	32	8.729	8.419	-0.310
55	33	8.757	8.474	-0.283
55	34	8.852	8.563	-0.289
55	35	8.871	8.568	-0.303
55	36	8.749	8.469	-0.280
55	37	8.688	8.411	-0.277
55	38	8.734	8.439	-0.295
55	39	8.715	8.413	-0.302
55	40	8.729	8.427	-0.302
55	41	8.758	8.441	-0.317
55	42	8.711	8.473	-0.238
50	43	8.794	8.475	-0.319
50	44	8.700	8.371	-0.329
50	45	8.723	8.378	-0.345
50	46	8.771	8.395	-0.376
50	47	8.747	8.436	-0.311
Max		8.871	8.648	-0.169
Average		8.770	8.482	-0.288
Min		8.688	8.371	-0.376
Std Dev		0.039	0.060	0.041

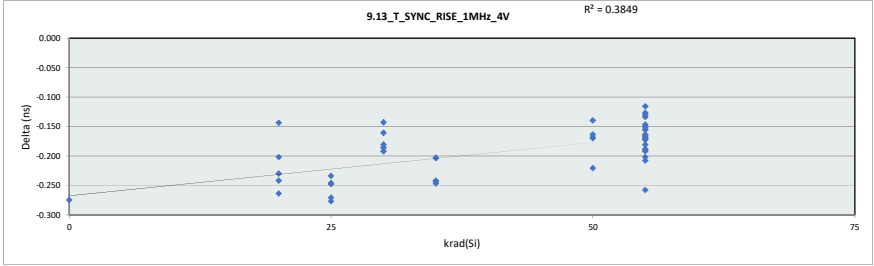
9.10_T_SYNC_FALL_500kHz_4	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.648	8.445	8.399	8.463	8.447	8.371	8.411
Average	8.648	8.477	8.443	8.497	8.482	8.411	8.497
Max	8.648	8.526	8.471	8.526	8.527	8.475	8.625
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

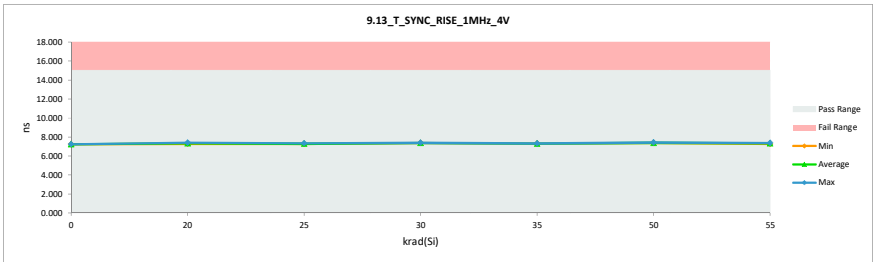
9.13_T_SYNC_RISE_1MHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14.5
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.508	7.233	-0.275
25	1	7.555	7.278	-0.277
25	2	7.528	7.257	-0.271
25	3	7.564	7.330	-0.234
25	4	7.546	7.300	-0.246
25	5	7.495	7.247	-0.248
20	6	7.512	7.282	-0.230
20	7	7.555	7.353	-0.202
20	8	7.529	7.287	-0.242
20	9	7.548	7.284	-0.264
20	10	7.541	7.397	-0.144
35	11	7.539	7.292	-0.247
35	12	7.502	7.299	-0.203
35	13	7.533	7.291	-0.242
35	14	7.503	7.299	-0.204
35	15	7.563	7.319	-0.244
30	16	7.514	7.371	-0.143
30	17	7.571	7.379	-0.192
30	18	7.548	7.367	-0.181
30	19	7.544	7.383	-0.161
30	20	7.537	7.351	-0.186
55	21	7.541	7.283	-0.258
55	22	7.503	7.373	-0.130
55	23	7.494	7.302	-0.192
55	24	7.496	7.340	-0.156
55	25	7.481	7.311	-0.170
55	26	7.505	7.350	-0.155
55	27	7.534	7.332	-0.202
55	28	7.501	7.351	-0.150
55	29	7.511	7.342	-0.169
55	30	7.464	7.337	-0.127
55	31	7.449	7.333	-0.116
55	32	7.457	7.323	-0.134
55	33	7.492	7.303	-0.189
55	34	7.494	7.343	-0.151
55	35	7.446	7.257	-0.189
55	36	7.499	7.291	-0.208
55	37	7.491	7.320	-0.171
55	38	7.509	7.362	-0.147
55	39	7.476	7.312	-0.164
55	40	7.505	7.332	-0.173
55	41	7.536	7.355	-0.181
55	42	7.516	7.350	-0.166
50	43	7.536	7.366	-0.170
50	44	7.533	7.369	-0.164
50	45	7.559	7.419	-0.140
50	46	7.539	7.370	-0.169
50	47	7.584	7.363	-0.221
Max		7.584	7.419	-0.116
Average		7.518	7.327	-0.192
Min		7.446	7.233	-0.277
Std Dev		0.032	0.041	0.044

9.13_T_SYNC_RISE_1MHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

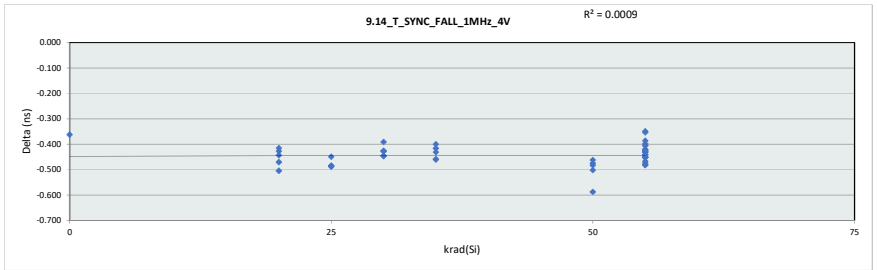
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.233	7.282	7.247	7.351	7.291	7.363	7.257
Average	7.233	7.321	7.282	7.370	7.300	7.377	7.327
Max	7.233	7.397	7.330	7.383	7.319	7.419	7.373
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

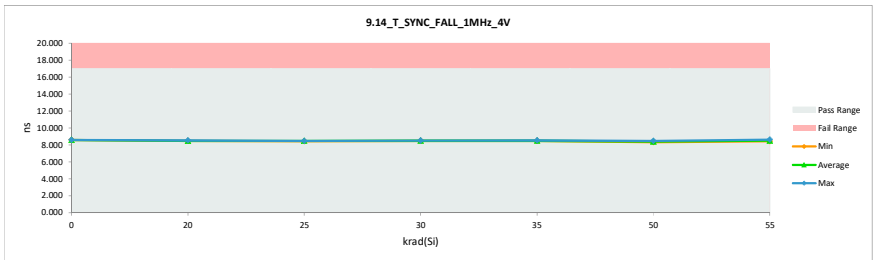
9.14_T_SYNC_FALL_1MHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.948	8.585	-0.363
25	1	8.962	8.477	-0.485
25	2	8.946	8.459	-0.487
25	3	8.938	8.452	-0.486
25	4	8.903	8.453	-0.450
25	5	8.915	8.426	-0.489
20	6	8.928	8.457	-0.471
20	7	8.901	8.457	-0.444
20	8	8.952	8.524	-0.428
20	9	8.965	8.460	-0.505
20	10	8.896	8.480	-0.416
35	11	8.952	8.493	-0.459
35	12	8.881	8.480	-0.401
35	13	8.920	8.503	-0.417
35	14	8.953	8.521	-0.432
35	15	8.947	8.486	-0.461
30	16	8.893	8.501	-0.392
30	17	8.942	8.495	-0.447
30	18	8.934	8.487	-0.447
30	19	8.939	8.513	-0.426
30	20	8.908	8.479	-0.429
55	21	8.965	8.497	-0.468
55	22	8.921	8.515	-0.406
55	23	8.975	8.533	-0.442
55	24	8.965	8.560	-0.405
55	25	8.997	8.515	-0.482
55	26	8.977	8.627	-0.350
55	27	8.976	8.534	-0.442
55	28	8.902	8.427	-0.475
55	29	8.966	8.542	-0.424
55	30	8.905	8.551	-0.354
55	31	8.932	8.545	-0.387
55	32	8.877	8.453	-0.424
55	33	8.920	8.488	-0.432
55	34	9.017	8.564	-0.453
55	35	9.034	8.582	-0.452
55	36	8.876	8.427	-0.449
55	37	8.842	8.443	-0.399
55	38	8.880	8.460	-0.420
55	39	8.858	8.428	-0.430
55	40	8.889	8.436	-0.453
55	41	8.913	8.430	-0.483
55	42	8.877	8.445	-0.432
50	43	8.948	8.472	-0.476
50	44	8.854	8.391	-0.463
50	45	8.886	8.383	-0.503
50	46	8.923	8.439	-0.484
50	47	8.914	8.326	-0.588
	Max	9.034	8.627	-0.350
	Average	8.927	8.483	-0.444
	Min	8.842	8.326	-0.588
	Std Dev	0.041	0.056	0.043



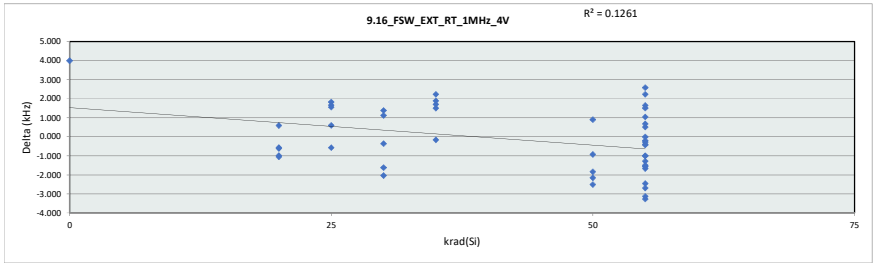
9.14_T_SYNC_FALL_1MHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.585	8.457	8.426	8.479	8.480	8.326	8.427
Average	8.585	8.476	8.453	8.495	8.497	8.402	8.500
Max	8.585	8.524	8.477	8.513	8.521	8.472	8.627
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



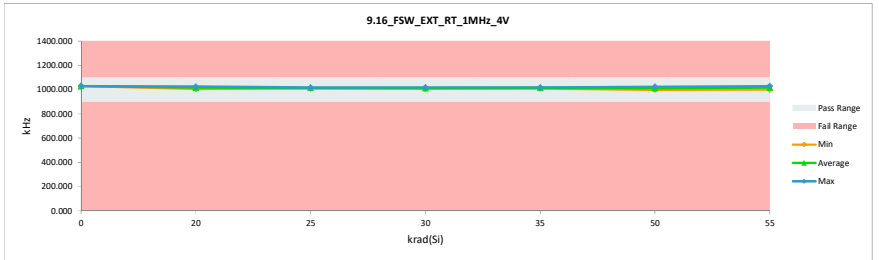
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

9.16_FSW_EXT_RT_1MHz_4V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	1100
Min Limit	900



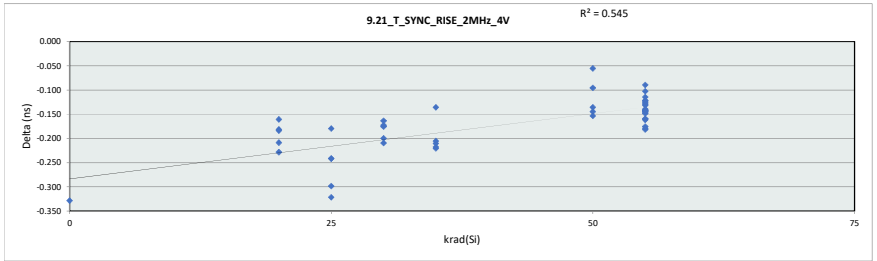
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1026.565	1030.545	3.980
25	1	1015.756	1017.567	1.811
25	2	1006.655	1008.195	1.540
25	3	1013.273	1014.924	1.651
25	4	1014.601	1014.018	-0.583
25	5	1013.316	1013.904	0.588
20	6	1021.832	1020.825	-1.007
20	7	1020.410	1019.790	-0.620
20	8	1015.615	1015.032	-0.583
20	9	1006.077	1006.652	0.575
20	10	1026.374	1025.312	-1.062
35	11	1013.651	1013.473	-0.178
35	12	1013.673	1015.357	1.684
35	13	1012.644	1014.862	2.218
35	14	1008.329	1010.202	1.873
35	15	1017.544	1019.033	1.489
30	16	1013.133	1014.242	1.109
30	17	1016.021	1014.389	-1.632
30	18	1016.565	1017.936	1.371
30	19	1008.782	1008.407	-0.375
30	20	1012.266	1010.216	-2.050
55	21	1007.407	1004.702	-2.705
55	22	1012.648	1014.146	1.498
55	23	1022.770	1023.438	0.668
55	24	1016.340	1018.558	2.218
55	25	1018.069	1017.057	-1.012
55	26	1001.563	1001.147	-0.416
55	27	1013.152	1015.722	2.570
55	28	1008.242	1007.949	-0.293
55	29	1015.565	1013.886	-1.679
55	30	1016.522	1015.505	-1.017
55	31	1022.300	1019.022	-3.278
55	32	1018.789	1020.423	1.634
55	33	1030.711	1030.689	-0.022
55	34	1020.790	1017.651	-3.139
55	35	1018.562	1016.997	-1.565
55	36	1012.925	1010.455	-2.470
55	37	1015.409	1013.901	-1.508
55	38	1017.973	1017.756	-0.217
55	39	1019.456	1020.482	1.026
55	40	1017.155	1016.712	-0.443
55	41	1013.195	1011.900	-1.295
55	42	1020.175	1020.672	0.497
50	43	1015.515	1013.670	-1.845
50	44	1008.841	1006.322	-2.519
50	45	1015.614	1013.451	-2.163
50	46	1022.861	1023.750	0.889
50	47	1000.298	999.362	-0.936
	Max	1030.711	1030.689	3.980
	Average	1015.332	1015.213	-0.119
	Min	1000.298	999.362	-3.278
	Std Dev	6.041	6.343	1.670

9.16_FSW_EXT_RT_1MHz_4V							
Test Site							
Tester							
Test Number							
Max Limit	1100 kHz						
Min Limit	900 kHz						
krad(Si)	0	20	25	30	35	50	55
LL	900.000	900.000	900.000	900.000	900.000	900.000	900.000
Min	1030.545	1006.652	1008.195	1008.407	1010.202	999.362	1001.147
Average	1030.545	1017.522	1013.722	1013.038	1014.585	1011.311	1015.853
Max	1030.545	1025.312	1017.567	1017.936	1019.033	1023.750	1030.689
UL	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

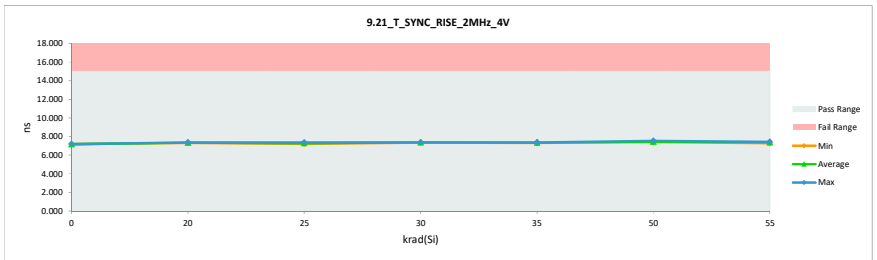
9.21_T_SYNC_RISE_2MHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.508	7.179	-0.329
25	1	7.580	7.258	-0.322
25	2	7.544	7.302	-0.242
25	3	7.548	7.306	-0.242
25	4	7.547	7.367	-0.180
25	5	7.489	7.190	-0.299
20	6	7.510	7.301	-0.209
20	7	7.532	7.371	-0.161
20	8	7.551	7.322	-0.229
20	9	7.519	7.337	-0.182
20	10	7.544	7.360	-0.184
35	11	7.553	7.332	-0.221
35	12	7.518	7.300	-0.218
35	13	7.524	7.313	-0.211
35	14	7.515	7.379	-0.136
35	15	7.580	7.374	-0.206
30	16	7.522	7.358	-0.164
30	17	7.577	7.367	-0.210
30	18	7.547	7.347	-0.200
30	19	7.545	7.369	-0.176
30	20	7.542	7.369	-0.173
55	21	7.549	7.403	-0.146
55	22	7.546	7.416	-0.130
55	23	7.478	7.298	-0.180
55	24	7.470	7.321	-0.149
55	25	7.484	7.302	-0.182
55	26	7.520	7.430	-0.090
55	27	7.509	7.406	-0.103
55	28	7.494	7.379	-0.115
55	29	7.520	7.393	-0.127
55	30	7.454	7.331	-0.123
55	31	7.450	7.328	-0.122
55	32	7.475	7.313	-0.162
55	33	7.479	7.319	-0.160
55	34	7.500	7.324	-0.176
55	35	7.435	7.293	-0.142
55	36	7.496	7.352	-0.144
55	37	7.508	7.365	-0.143
55	38	7.536	7.391	-0.145
55	39	7.471	7.339	-0.132
55	40	7.509	7.369	-0.140
55	41	7.554	7.394	-0.160
55	42	7.518	7.376	-0.142
50	43	7.517	7.421	-0.096
50	44	7.578	7.442	-0.136
50	45	7.582	7.428	-0.154
50	46	7.546	7.401	-0.145
50	47	7.605	7.549	-0.056
	Max	7.605	7.549	-0.056
	Average	7.522	7.352	-0.171
	Min	7.435	7.179	-0.329
	Std Dev	0.038	0.061	0.055

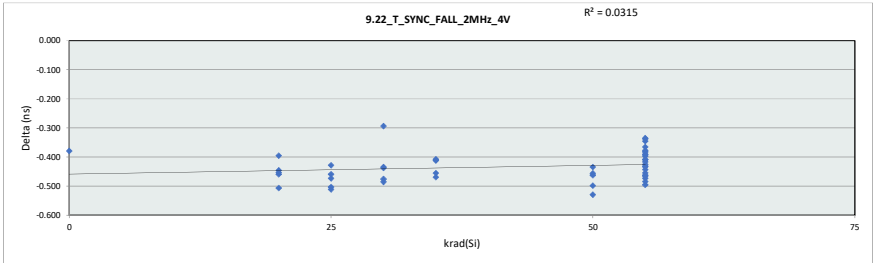
9.21_T_SYNC_RISE_2MHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.179	7.301	7.190	7.347	7.300	7.401	7.293
Average	7.179	7.338	7.285	7.362	7.340	7.448	7.356
Max	7.179	7.371	7.367	7.369	7.379	7.549	7.430
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

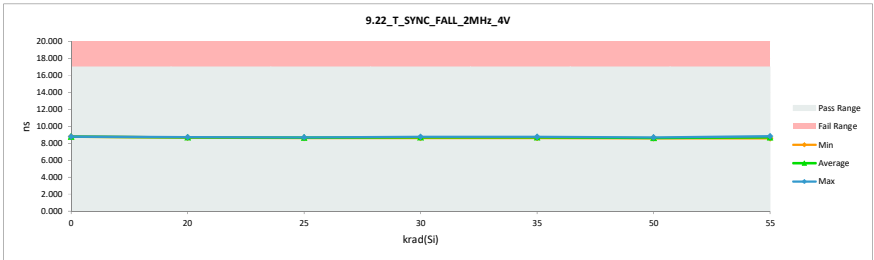
9.22_T_SYNC_FALL_2MHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	9.163	8.783	-0.380
25	1	9.195	8.683	-0.512
25	2	9.165	8.691	-0.474
25	3	9.116	8.656	-0.460
25	4	9.114	8.685	-0.429
25	5	9.101	8.597	-0.504
20	6	9.117	8.671	-0.446
20	7	9.117	8.663	-0.454
20	8	9.196	8.689	-0.507
20	9	9.168	8.708	-0.460
20	10	9.115	8.719	-0.396
35	11	9.120	8.664	-0.456
35	12	9.097	8.684	-0.413
35	13	9.046	8.638	-0.408
35	14	9.157	8.746	-0.411
35	15	9.137	8.667	-0.470
30	16	9.047	8.753	-0.294
30	17	9.161	8.685	-0.476
30	18	9.111	8.673	-0.438
30	19	9.105	8.670	-0.435
30	20	9.103	8.617	-0.486
55	21	9.190	8.705	-0.485
55	22	9.087	8.721	-0.366
55	23	9.188	8.733	-0.455
55	24	9.156	8.747	-0.409
55	25	9.162	8.730	-0.432
55	26	9.196	8.818	-0.378
55	27	9.110	8.772	-0.338
55	28	9.109	8.635	-0.474
55	29	9.168	8.742	-0.426
55	30	9.085	8.749	-0.336
55	31	9.092	8.746	-0.346
55	32	9.090	8.624	-0.466
55	33	9.085	8.589	-0.496
55	34	9.227	8.783	-0.444
55	35	9.258	8.795	-0.463
55	36	9.043	8.645	-0.398
55	37	9.046	8.655	-0.391
55	38	9.074	8.681	-0.393
55	39	9.045	8.628	-0.417
55	40	9.066	8.656	-0.410
55	41	9.074	8.691	-0.383
55	42	9.063	8.629	-0.434
50	43	9.148	8.685	-0.463
50	44	9.044	8.609	-0.435
50	45	9.039	8.582	-0.457
50	46	9.122	8.623	-0.499
50	47	9.113	8.583	-0.530
	Max	9.258	8.818	-0.294
	Average	9.119	8.685	-0.434
	Min	9.039	8.582	-0.530
	Std Dev	0.053	0.058	0.051

9.22_T_SYNC_FALL_2MHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.783	8.663	8.597	8.617	8.638	8.582	8.589
Average	8.783	8.690	8.662	8.680	8.680	8.616	8.703
Max	8.783	8.719	8.691	8.753	8.746	8.685	8.818
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000

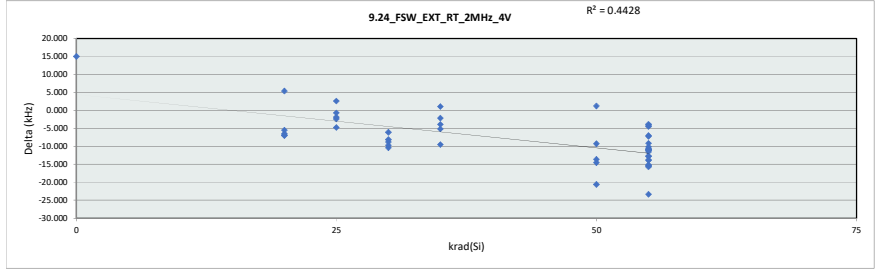


**HDR TID Report
TPS7H5008-SEP**

krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

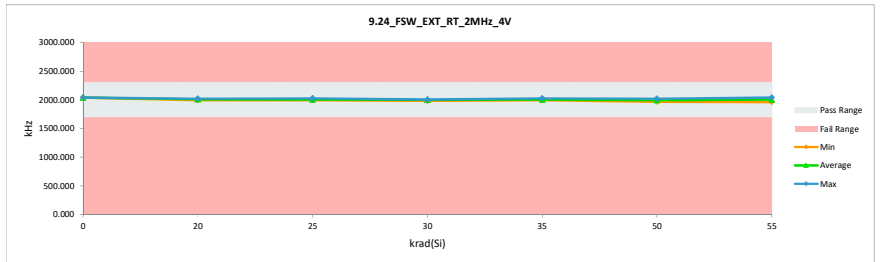
9.24_FSW_EXT_RT_2MHz_4V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	2300
Min Limit	1700

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	2023.969	2038.974	15.005
25	1	2003.265	2005.831	2.566
25	2	1999.901	1998.009	-1.892
25	3	1995.798	1995.065	-0.733
25	4	2011.317	2006.511	-4.806
25	5	2026.741	2024.329	-2.412
20	6	2025.440	2018.385	-7.055
20	7	2013.044	2007.484	-5.560
20	8	1998.016	2003.349	5.333
20	9	1999.152	1992.219	-6.933
20	10	2027.427	2020.918	-6.509
35	11	2003.018	1997.813	-5.205
35	12	1991.824	1989.637	-2.187
35	13	2036.676	2027.137	-9.539
35	14	1997.301	1998.334	1.033
35	15	2009.262	2005.337	-3.925
30	16	2001.670	1995.532	-6.138
30	17	2014.614	2006.439	-8.175
30	18	2008.980	1998.539	-10.441
30	19	2013.021	2004.165	-8.856
30	20	1992.490	1982.739	-9.751
55	21	1980.730	1966.916	-13.814
55	22	2010.784	2001.586	-9.198
55	23	2031.161	2026.643	-4.518
55	24	2018.753	2007.837	-10.916
55	25	2033.694	2018.448	-15.246
55	26	1972.875	1961.769	-11.106
55	27	2036.869	2021.369	-15.500
55	28	1997.001	1992.877	-4.124
55	29	2011.572	1998.767	-12.805
55	30	2026.601	2015.676	-10.925
55	31	2063.898	2040.533	-23.365
55	32	2015.741	2005.565	-10.176
55	33	2041.660	2025.928	-15.732
55	34	2031.042	2017.113	-13.929
55	35	2020.782	2010.193	-10.589
55	36	2022.634	2009.879	-12.755
55	37	2004.721	2000.824	-3.897
55	38	2007.354	1996.211	-11.143
55	39	2018.334	2011.063	-7.271
55	40	2021.805	2006.585	-15.220
55	41	1998.653	1987.082	-11.571
55	42	2008.374	2001.340	-7.034
50	43	2017.532	2003.865	-13.667
50	44	1997.943	1983.374	-14.569
50	45	2017.769	1997.125	-20.644
50	46	2018.026	2019.220	1.194
50	47	1975.523	1966.208	-9.315
	Max	2063.898	2040.533	15.005
	Average	2012.391	2004.390	-8.000
	Min	1972.875	1961.769	-23.365
	Std Dev	17.299	16.553	6.710



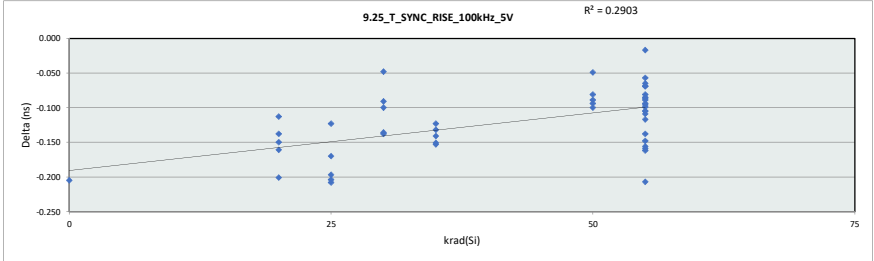
9.24_FSW_EXT_RT_2MHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	2300
Min Limit	1700

krad(Si)	0	20	25	30	35	50	55
LL	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000
Min	2038.974	1992.219	1995.065	1982.739	1989.637	1966.208	1961.769
Average	2038.974	2008.471	2005.949	1997.483	2003.652	1993.958	2005.646
Max	2038.974	2020.918	2024.329	2006.439	2027.137	2019.220	2040.533
UL	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

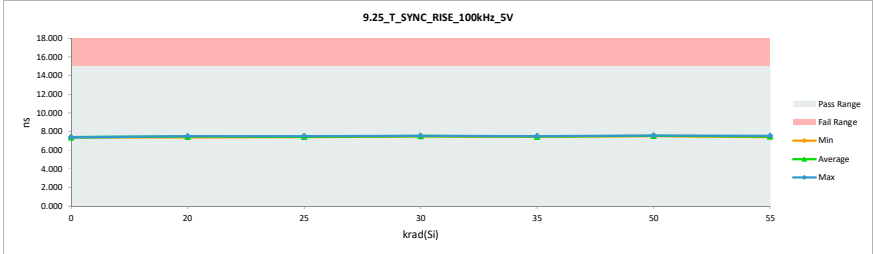
9.25_T_SYNC_RISE_100kHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.594	7.389	-0.205
25	1	7.618	7.421	-0.197
25	2	7.615	7.407	-0.208
25	3	7.629	7.506	-0.123
25	4	7.623	7.419	-0.204
25	5	7.587	7.417	-0.170
20	6	7.587	7.386	-0.201
20	7	7.629	7.491	-0.138
20	8	7.630	7.469	-0.161
20	9	7.620	7.470	-0.150
20	10	7.620	7.507	-0.113
35	11	7.590	7.437	-0.153
35	12	7.571	7.448	-0.123
35	13	7.576	7.425	-0.151
35	14	7.592	7.451	-0.141
35	15	7.639	7.507	-0.132
30	16	7.585	7.537	-0.048
30	17	7.630	7.539	-0.091
30	18	7.626	7.526	-0.100
30	19	7.609	7.473	-0.136
30	20	7.624	7.486	-0.138
55	21	7.606	7.399	-0.207
55	22	7.599	7.503	-0.096
55	23	7.572	7.434	-0.138
55	24	7.555	7.490	-0.065
55	25	7.577	7.421	-0.156
55	26	7.582	7.497	-0.085
55	27	7.592	7.511	-0.081
55	28	7.610	7.501	-0.109
55	29	7.575	7.489	-0.086
55	30	7.543	7.426	-0.117
55	31	7.549	7.532	-0.017
55	32	7.556	7.462	-0.094
55	33	7.557	7.458	-0.099
55	34	7.587	7.428	-0.159
55	35	7.526	7.457	-0.069
55	36	7.564	7.495	-0.069
55	37	7.556	7.499	-0.057
55	38	7.576	7.471	-0.105
55	39	7.558	7.469	-0.089
55	40	7.578	7.473	-0.105
55	41	7.611	7.463	-0.148
55	42	7.600	7.438	-0.162
50	43	7.603	7.514	-0.089
50	44	7.624	7.524	-0.100
50	45	7.642	7.561	-0.081
50	46	7.618	7.524	-0.094
50	47	7.629	7.580	-0.049
	Max	7.642	7.580	-0.017
	Average	7.595	7.474	-0.121
	Min	7.526	7.386	-0.208
	Std Dev	0.029	0.046	0.046

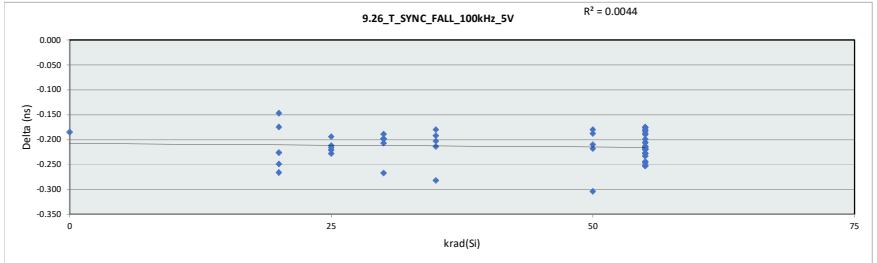
9.25_T_SYNC_RISE_100kHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.389	7.386	7.407	7.473	7.425	7.514	7.399
Average	7.389	7.465	7.434	7.512	7.454	7.541	7.469
Max	7.389	7.507	7.506	7.539	7.507	7.580	7.532
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

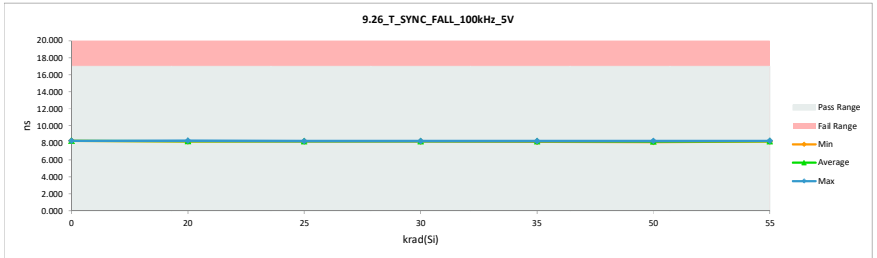
9.26_T_SYNC_FALL_100kHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.414	8.229	-0.185
25	1	8.402	8.208	-0.194
25	2	8.420	8.204	-0.216
25	3	8.406	8.178	-0.228
25	4	8.410	8.198	-0.212
25	5	8.393	8.172	-0.221
20	6	8.409	8.143	-0.266
20	7	8.400	8.151	-0.249
20	8	8.401	8.226	-0.175
20	9	8.421	8.195	-0.226
20	10	8.396	8.249	-0.147
35	11	8.388	8.208	-0.180
35	12	8.399	8.117	-0.282
35	13	8.398	8.206	-0.192
35	14	8.405	8.202	-0.203
35	15	8.402	8.188	-0.214
30	16	8.384	8.177	-0.207
30	17	8.406	8.208	-0.198
30	18	8.419	8.152	-0.267
30	19	8.396	8.207	-0.189
30	20	8.386	8.187	-0.199
55	21	8.395	8.143	-0.252
55	22	8.408	8.202	-0.206
55	23	8.415	8.239	-0.176
55	24	8.410	8.177	-0.233
55	25	8.424	8.177	-0.247
55	26	8.403	8.220	-0.183
55	27	8.399	8.180	-0.219
55	28	8.397	8.217	-0.180
55	29	8.395	8.182	-0.213
55	30	8.395	8.220	-0.175
55	31	8.410	8.190	-0.220
55	32	8.402	8.187	-0.215
55	33	8.408	8.155	-0.253
55	34	8.414	8.187	-0.227
55	35	8.410	8.166	-0.244
55	36	8.390	8.184	-0.206
55	37	8.378	8.190	-0.188
55	38	8.388	8.189	-0.199
55	39	8.372	8.153	-0.219
55	40	8.395	8.205	-0.190
55	41	8.392	8.177	-0.215
55	42	8.378	8.150	-0.228
50	43	8.400	8.212	-0.188
50	44	8.387	8.169	-0.218
50	45	8.397	8.093	-0.304
50	46	8.388	8.178	-0.210
50	47	8.379	8.199	-0.180
Max		8.424	8.249	-0.147
Average		8.400	8.186	-0.213
Min		8.372	8.093	-0.304
Std Dev		0.012	0.030	0.031

9.26_T_SYNC_FALL_100kHz_5	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

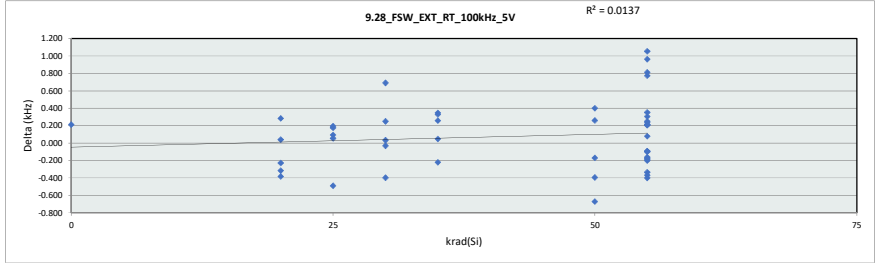
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.229	8.143	8.172	8.152	8.117	8.093	8.143
Average	8.229	8.193	8.192	8.186	8.184	8.170	8.186
Max	8.229	8.249	8.208	8.208	8.208	8.212	8.239
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



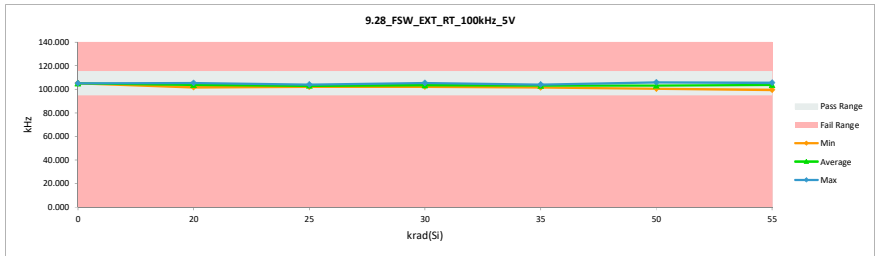
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

9.28_FSW_EXT_RT_100kHz_5V		
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	104.892	105.102	0.210
25	1	103.101	103.193	0.092
25	2	101.785	101.979	0.194
25	3	103.879	104.054	0.175
25	4	103.958	103.466	-0.492
25	5	102.506	102.559	0.053
20	6	104.417	104.100	-0.317
20	7	104.351	104.121	-0.230
20	8	103.214	103.252	0.038
20	9	101.323	101.605	0.282
20	10	105.709	105.324	-0.385
35	11	104.097	103.875	-0.222
35	12	103.023	103.069	0.046
35	13	103.657	104.002	0.345
35	14	101.328	101.585	0.257
35	15	103.158	103.486	0.328
30	16	103.538	104.228	0.690
30	17	103.600	103.568	-0.032
30	18	105.070	105.318	0.248
30	19	102.183	102.215	0.032
30	20	102.680	102.280	-0.400
55	21	101.546	101.371	-0.175
55	22	104.655	105.467	0.812
55	23	103.972	104.176	0.204
55	24	102.970	104.022	1.052
55	25	103.818	103.724	-0.094
55	26	99.829	99.493	-0.336
55	27	104.052	105.013	0.961
55	28	102.322	102.534	0.212
55	29	104.049	103.887	-0.162
55	30	103.667	103.465	-0.202
55	31	104.690	104.319	-0.371
55	32	102.729	103.501	0.772
55	33	105.341	105.419	0.078
55	34	103.826	103.424	-0.402
55	35	103.655	103.559	-0.096
55	36	103.356	103.594	0.238
55	37	103.700	103.948	0.248
55	38	103.812	104.021	0.209
55	39	104.349	104.700	0.351
55	40	104.428	104.326	-0.102
55	41	103.937	104.240	0.303
55	42	103.257	103.065	-0.192
50	43	104.023	103.627	-0.396
50	44	102.912	102.239	-0.673
50	45	103.680	103.508	-0.172
50	46	105.390	105.789	0.399
50	47	100.194	100.452	0.258
	Max	105.709	105.789	1.052
	Average	103.451	103.526	0.076
	Min	99.829	99.493	-0.673
	Std Dev	1.236	1.284	0.378

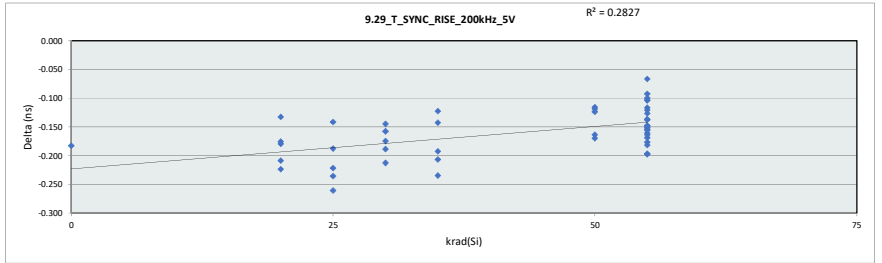


9.28_FSW_EXT_RT_100kHz_5V							
Test Site							
Tester							
Test Number							
Max Limit	115	kHz					
Min Limit	95	kHz					
krad(Si)	0	20	25	30	35	50	55
LL	95.000	95.000	95.000	95.000	95.000	95.000	95.000
Min	105.102	101.605	101.979	102.215	101.585	100.452	99.493
Average	105.102	103.680	103.050	103.522	103.203	103.123	103.694
Max	105.102	105.324	104.054	105.318	104.002	105.789	105.467
UL	115.000	115.000	115.000	115.000	115.000	115.000	115.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

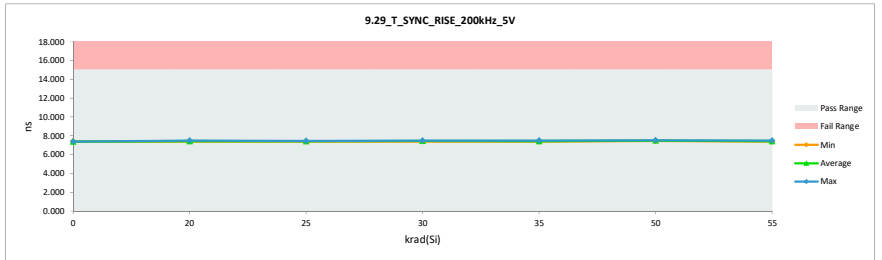
9.29_T_SYNC_RISE_200kHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.572	7.389	-0.183
25	1	7.624	7.436	-0.188
25	2	7.636	7.375	-0.261
25	3	7.616	7.394	-0.222
25	4	7.644	7.408	-0.236
25	5	7.590	7.448	-0.142
20	6	7.598	7.422	-0.176
20	7	7.626	7.417	-0.209
20	8	7.628	7.404	-0.224
20	9	7.620	7.440	-0.180
20	10	7.610	7.477	-0.133
35	11	7.656	7.421	-0.235
35	12	7.574	7.431	-0.143
35	13	7.605	7.398	-0.207
35	14	7.593	7.470	-0.123
35	15	7.654	7.461	-0.193
30	16	7.592	7.434	-0.158
30	17	7.659	7.470	-0.189
30	18	7.616	7.441	-0.175
30	19	7.619	7.406	-0.213
30	20	7.619	7.474	-0.145
55	21	7.593	7.424	-0.169
55	22	7.590	7.469	-0.121
55	23	7.560	7.408	-0.152
55	24	7.565	7.416	-0.149
55	25	7.570	7.453	-0.117
55	26	7.581	7.481	-0.100
55	27	7.615	7.454	-0.161
55	28	7.592	7.455	-0.137
55	29	7.598	7.450	-0.148
55	30	7.556	7.429	-0.127
55	31	7.557	7.402	-0.155
55	32	7.553	7.449	-0.104
55	33	7.567	7.429	-0.138
55	34	7.584	7.428	-0.156
55	35	7.542	7.475	-0.067
55	36	7.572	7.375	-0.197
55	37	7.577	7.413	-0.164
55	38	7.595	7.397	-0.198
55	39	7.555	7.462	-0.093
55	40	7.576	7.472	-0.104
55	41	7.611	7.434	-0.177
55	42	7.568	7.386	-0.182
50	43	7.613	7.449	-0.164
50	44	7.613	7.497	-0.116
50	45	7.637	7.467	-0.170
50	46	7.613	7.489	-0.124
50	47	7.634	7.515	-0.119
	Max	7.659	7.515	-0.067
	Average	7.599	7.437	-0.161
	Min	7.542	7.375	-0.261
	Std Dev	0.030	0.033	0.042

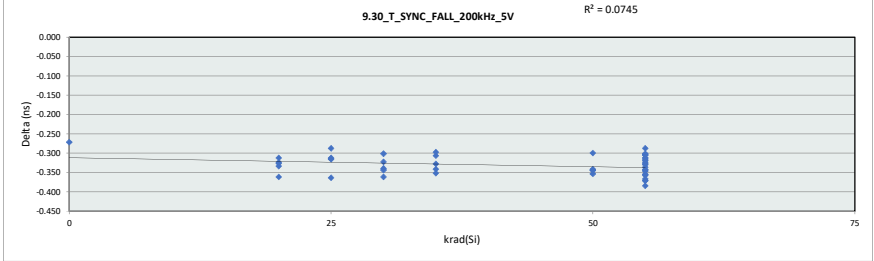
9.29_T_SYNC_RISE_200kHz_5	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.389	7.404	7.375	7.406	7.398	7.449	7.375
Average	7.389	7.432	7.412	7.445	7.436	7.483	7.435
Max	7.389	7.477	7.448	7.474	7.470	7.515	7.481
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

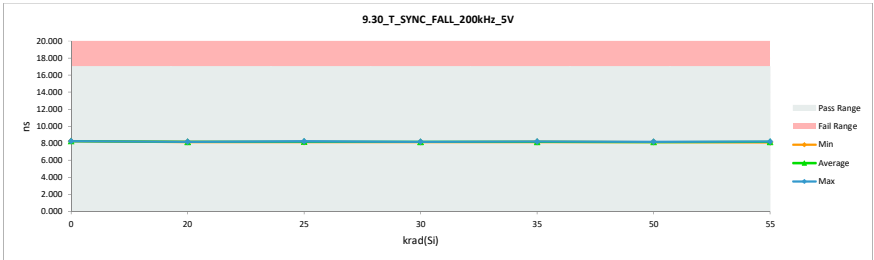
9.30_T_SYNC_FALL_200kHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns ns
Max Limit	14 17
Min Limit	0 0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.510	8.238	-0.272
25	1	8.505	8.217	-0.288
25	2	8.493	8.180	-0.313
25	3	8.497	8.182	-0.315
25	4	8.504	8.188	-0.316
25	5	8.484	8.120	-0.364
20	6	8.497	8.135	-0.362
20	7	8.484	8.171	-0.313
20	8	8.487	8.163	-0.324
20	9	8.482	8.155	-0.327
20	10	8.497	8.163	-0.334
35	11	8.481	8.153	-0.328
35	12	8.483	8.141	-0.342
35	13	8.481	8.174	-0.307
35	14	8.496	8.198	-0.298
35	15	8.498	8.146	-0.352
30	16	8.473	8.133	-0.340
30	17	8.482	8.180	-0.302
30	18	8.505	8.143	-0.362
30	19	8.499	8.155	-0.344
30	20	8.489	8.166	-0.323
55	21	8.480	8.108	-0.372
55	22	8.490	8.119	-0.371
55	23	8.509	8.154	-0.355
55	24	8.491	8.186	-0.305
55	25	8.509	8.166	-0.343
55	26	8.499	8.180	-0.319
55	27	8.500	8.187	-0.313
55	28	8.485	8.100	-0.385
55	29	8.502	8.146	-0.356
55	30	8.486	8.173	-0.313
55	31	8.507	8.180	-0.327
55	32	8.491	8.189	-0.302
55	33	8.496	8.149	-0.347
55	34	8.520	8.162	-0.358
55	35	8.507	8.177	-0.330
55	36	8.489	8.165	-0.324
55	37	8.459	8.154	-0.305
55	38	8.484	8.196	-0.288
55	39	8.471	8.104	-0.367
55	40	8.479	8.161	-0.318
55	41	8.485	8.148	-0.337
55	42	8.474	8.130	-0.344
50	43	8.485	8.140	-0.345
50	44	8.475	8.133	-0.342
50	45	8.471	8.171	-0.300
50	46	8.484	8.140	-0.344
50	47	8.477	8.123	-0.354
Max		8.520	8.238	-0.272
Average		8.490	8.159	-0.331
Min		8.459	8.100	-0.385
Std Dev		0.013	0.028	0.025

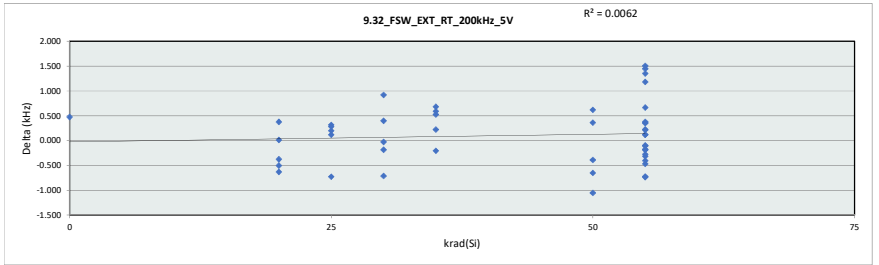
9.30_T_SYNC_FALL_200kHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	17 ns
Min Limit	0 ns

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.238	8.135	8.120	8.133	8.141	8.123	8.100
Average	8.238	8.157	8.177	8.155	8.162	8.141	8.156
Max	8.238	8.171	8.217	8.180	8.198	8.171	8.196
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

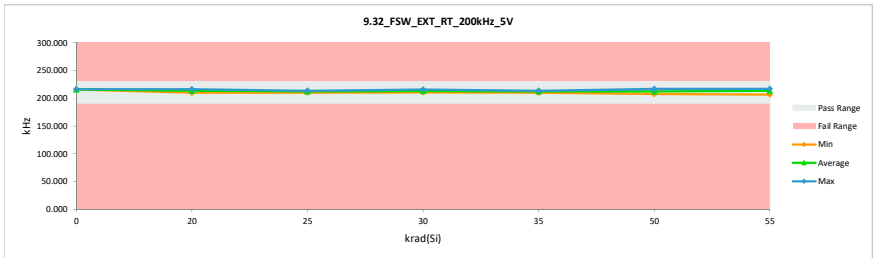
9.32_FSW_EXT_RT_200kHz_5V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	230
Min Limit	190



krad(Si)	Serial #	5008_SEP_Pre	HDR	5008_SEP_Post	HDR	Delta
0	48	215.561		216.033		0.472
25	1	212.427		212.624		0.197
25	2	209.853		210.133		0.280
25	3	213.081		213.394		0.313
25	4	213.615		212.885		-0.730
25	5	211.554		211.669		0.115
20	6	214.601		214.094		-0.507
20	7	214.419		214.040		-0.379
20	8	212.436		212.446		0.010
20	9	209.383		209.756		0.373
20	10	216.751		216.118		-0.633
35	11	213.611		213.402		-0.209
35	12	212.086		212.304		0.218
35	13	212.942		213.622		0.680
35	14	209.714		210.237		0.523
35	15	212.802		213.390		0.588
30	16	212.865		213.781		0.916
30	17	213.176		212.988		-0.188
30	18	215.068		215.462		0.394
30	19	210.839		210.809		-0.030
30	20	211.590		210.872		-0.718
55	21	209.754		209.347		-0.407
55	22	214.180		215.358		1.178
55	23	214.175		214.550		0.375
55	24	212.137		213.637		1.500
55	25	213.471		213.360		-0.111
55	26	207.098		206.626		-0.472
55	27	213.534		214.978		1.444
55	28	210.735		211.094		0.359
55	29	213.609		213.289		-0.320
55	30	213.340		213.159		-0.181
55	31	214.998		214.259		-0.739
55	32	212.011		213.358		1.347
55	33	216.616		216.729		0.113
55	34	213.647		212.918		-0.729
55	35	213.275		213.082		-0.193
55	36	212.678		212.794		0.116
55	37	213.108		213.318		0.210
55	38	213.637		213.859		0.222
55	39	214.196		214.859		0.663
55	40	214.326		214.225		-0.101
55	41	213.441		213.787		0.346
55	42	213.028		212.749		-0.279
50	43	213.751		213.096		-0.655
50	44	211.742		210.685		-1.057
50	45	213.454		213.061		-0.393
50	46	216.046		216.663		0.617
50	47	207.376		207.734		0.358
	Max	216.751		216.729		1.500
	Average	212.870		212.972		0.102
	Min	207.098		206.626		-1.057
	Std Dev	2.033		2.093		0.594

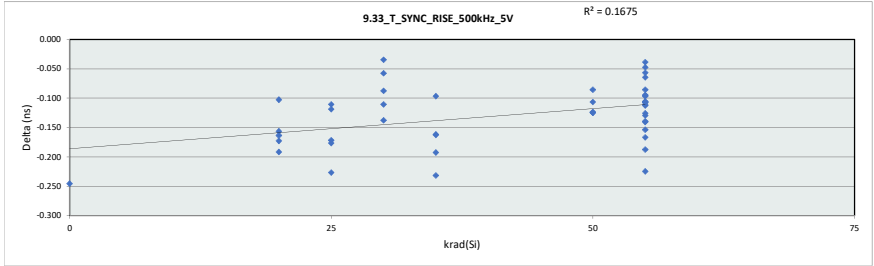
9.32_FSW_EXT_RT_200kHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	230 kHz
Min Limit	190 kHz

krad(Si)	0	20	25	30	35	50	55
LL	190.000	190.000	190.000	190.000	190.000	190.000	190.000
Min	216.033	209.756	210.133	210.809	210.237	207.734	206.626
Average	216.033	213.291	212.141	212.782	212.591	212.248	213.243
Max	216.033	216.118	213.394	215.462	213.622	216.663	216.729
UL	230.000	230.000	230.000	230.000	230.000	230.000	230.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

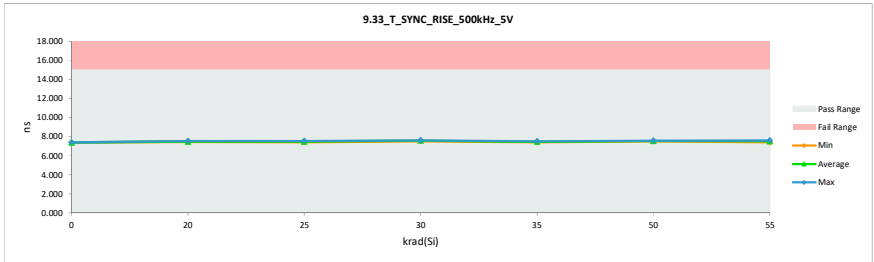
9.33_T_SYNC_RISE_500kHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.636	7.390	-0.246
25	1	7.660	7.488	-0.172
25	2	7.647	7.420	-0.227
25	3	7.649	7.538	-0.111
25	4	7.655	7.536	-0.119
25	5	7.597	7.420	-0.177
20	6	7.632	7.475	-0.157
20	7	7.646	7.454	-0.192
20	8	7.641	7.468	-0.173
20	9	7.666	7.502	-0.164
20	10	7.635	7.532	-0.103
35	11	7.639	7.477	-0.162
35	12	7.610	7.417	-0.193
35	13	7.618	7.455	-0.163
35	14	7.594	7.497	-0.097
35	15	7.673	7.441	-0.232
30	16	7.630	7.595	-0.035
30	17	7.661	7.603	-0.058
30	18	7.648	7.560	-0.088
30	19	7.639	7.528	-0.111
30	20	7.655	7.517	-0.138
55	21	7.640	7.499	-0.141
55	22	7.632	7.502	-0.130
55	23	7.606	7.510	-0.096
55	24	7.596	7.488	-0.108
55	25	7.627	7.521	-0.106
55	26	7.622	7.565	-0.057
55	27	7.631	7.592	-0.039
55	28	7.613	7.500	-0.113
55	29	7.625	7.499	-0.126
55	30	7.579	7.484	-0.095
55	31	7.575	7.463	-0.112
55	32	7.591	7.403	-0.188
55	33	7.593	7.545	-0.048
55	34	7.608	7.468	-0.140
55	35	7.559	7.494	-0.065
55	36	7.595	7.498	-0.097
55	37	7.606	7.499	-0.107
55	38	7.633	7.479	-0.154
55	39	7.598	7.431	-0.167
55	40	7.615	7.508	-0.107
55	41	7.646	7.560	-0.086
55	42	7.644	7.419	-0.225
50	43	7.629	7.504	-0.125
50	44	7.652	7.527	-0.125
50	45	7.668	7.561	-0.107
50	46	7.642	7.556	-0.086
50	47	7.677	7.553	-0.124
	Max	7.677	7.603	-0.035
	Average	7.628	7.499	-0.129
	Min	7.559	7.390	-0.246
	Std Dev	0.027	0.051	0.050

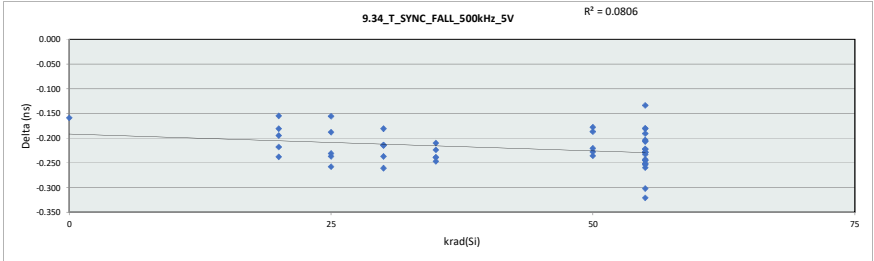
9.33_T_SYNC_RISE_500kHz_5	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.390	7.454	7.420	7.517	7.417	7.504	7.403
Average	7.390	7.486	7.480	7.561	7.457	7.540	7.497
Max	7.390	7.532	7.538	7.603	7.497	7.561	7.592
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

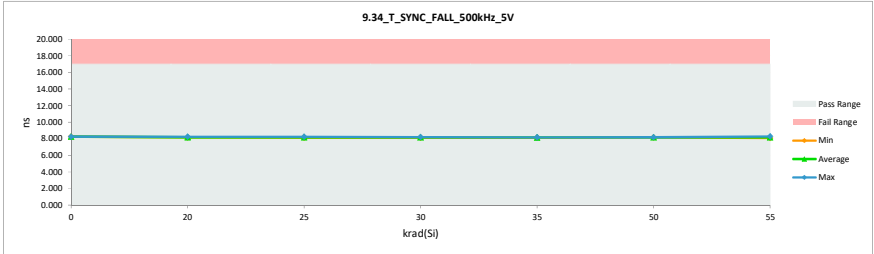
9.34_T_SYNC_FALL_500kHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.419	8.260	-0.159
25	1	8.411	8.223	-0.188
25	2	8.406	8.169	-0.237
25	3	8.391	8.235	-0.156
25	4	8.399	8.168	-0.231
25	5	8.395	8.137	-0.258
20	6	8.393	8.238	-0.155
20	7	8.386	8.205	-0.181
20	8	8.390	8.195	-0.195
20	9	8.396	8.158	-0.238
20	10	8.384	8.166	-0.218
35	11	8.391	8.167	-0.224
35	12	8.383	8.173	-0.210
35	13	8.387	8.140	-0.247
35	14	8.406	8.167	-0.239
35	15	8.397	8.158	-0.239
30	16	8.383	8.169	-0.214
30	17	8.382	8.121	-0.261
30	18	8.389	8.208	-0.181
30	19	8.398	8.183	-0.215
30	20	8.390	8.153	-0.237
55	21	8.393	8.170	-0.223
55	22	8.399	8.154	-0.245
55	23	8.399	8.218	-0.181
55	24	8.406	8.085	-0.321
55	25	8.403	8.269	-0.134
55	26	8.410	8.230	-0.180
55	27	8.405	8.177	-0.228
55	28	8.400	8.171	-0.229
55	29	8.403	8.170	-0.233
55	30	8.398	8.138	-0.260
55	31	8.402	8.173	-0.229
55	32	8.396	8.153	-0.243
55	33	8.403	8.199	-0.204
55	34	8.417	8.226	-0.191
55	35	8.414	8.162	-0.252
55	36	8.405	8.199	-0.206
55	37	8.368	8.161	-0.207
55	38	8.391	8.169	-0.222
55	39	8.385	8.133	-0.252
55	40	8.405	8.103	-0.302
55	41	8.391	8.137	-0.254
55	42	8.368	8.123	-0.245
50	43	8.391	8.155	-0.236
50	44	8.369	8.191	-0.178
50	45	8.385	8.157	-0.228
50	46	8.379	8.192	-0.187
50	47	8.396	8.175	-0.221
	Max	8.419	8.269	-0.134
	Average	8.395	8.175	-0.220
	Min	8.368	8.085	-0.321
	Std Dev	0.012	0.038	0.036

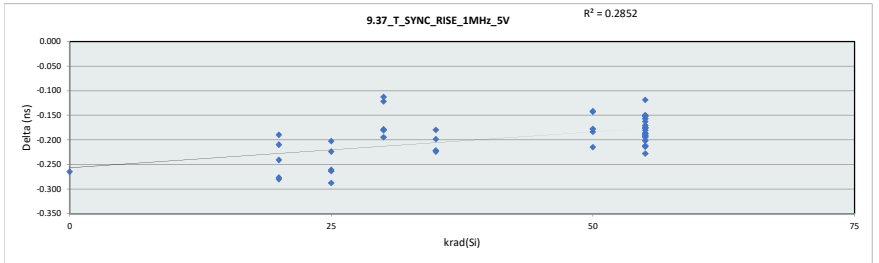
9.34_T_SYNC_FALL_500kHz_5	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.260	8.158	8.137	8.121	8.140	8.155	8.085
Average	8.260	8.192	8.186	8.167	8.161	8.174	8.169
Max	8.260	8.238	8.235	8.208	8.173	8.192	8.269
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

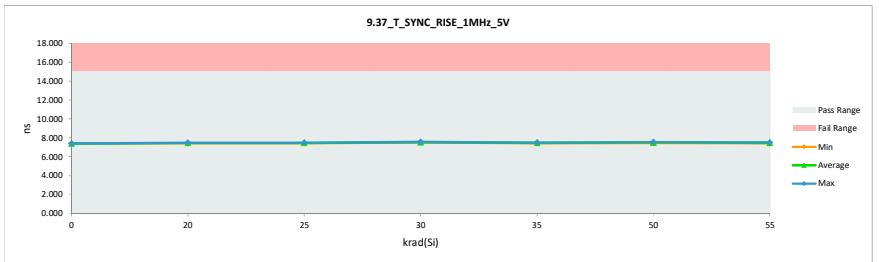
9.37_T_SYNC_RISE_1MHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.659	7.394	-0.265
25	1	7.694	7.406	-0.288
25	2	7.700	7.436	-0.264
25	3	7.697	7.494	-0.203
25	4	7.712	7.451	-0.261
25	5	7.650	7.426	-0.224
20	6	7.653	7.412	-0.241
20	7	7.699	7.422	-0.277
20	8	7.682	7.402	-0.280
20	9	7.690	7.480	-0.210
20	10	7.683	7.493	-0.190
35	11	7.670	7.448	-0.222
35	12	7.661	7.439	-0.222
35	13	7.658	7.478	-0.180
35	14	7.669	7.470	-0.199
35	15	7.711	7.487	-0.224
30	16	7.671	7.549	-0.122
30	17	7.707	7.512	-0.195
30	18	7.691	7.512	-0.179
30	19	7.676	7.563	-0.113
30	20	7.691	7.510	-0.181
55	21	7.688	7.460	-0.228
55	22	7.674	7.487	-0.187
55	23	7.648	7.455	-0.193
55	24	7.650	7.437	-0.213
55	25	7.642	7.447	-0.195
55	26	7.664	7.507	-0.157
55	27	7.658	7.471	-0.187
55	28	7.672	7.497	-0.175
55	29	7.659	7.445	-0.214
55	30	7.636	7.473	-0.163
55	31	7.612	7.462	-0.150
55	32	7.627	7.451	-0.176
55	33	7.639	7.487	-0.152
55	34	7.665	7.453	-0.212
55	35	7.602	7.400	-0.202
55	36	7.628	7.457	-0.171
55	37	7.628	7.509	-0.119
55	38	7.661	7.485	-0.176
55	39	7.631	7.479	-0.152
55	40	7.658	7.468	-0.190
55	41	7.689	7.508	-0.181
55	42	7.677	7.486	-0.191
50	43	7.679	7.501	-0.178
50	44	7.681	7.538	-0.143
50	45	7.691	7.549	-0.142
50	46	7.666	7.451	-0.215
50	47	7.723	7.539	-0.184
	Max	7.723	7.563	-0.113
	Average	7.668	7.473	-0.196
	Min	7.602	7.394	-0.288
	Std Dev	0.027	0.041	0.041

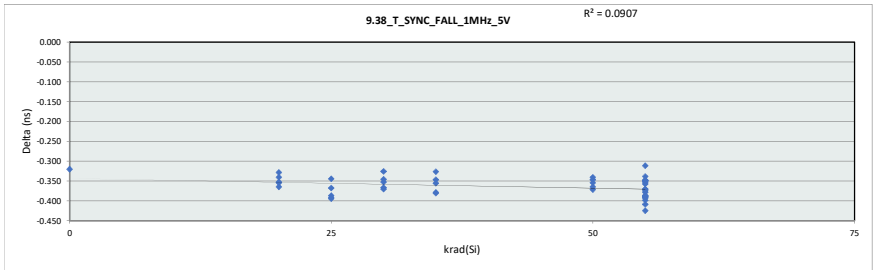
9.37_T_SYNC_RISE_1MHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.394	7.402	7.406	7.510	7.439	7.451	7.400
Average	7.394	7.442	7.443	7.529	7.464	7.516	7.469
Max	7.394	7.493	7.494	7.563	7.487	7.549	7.509
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

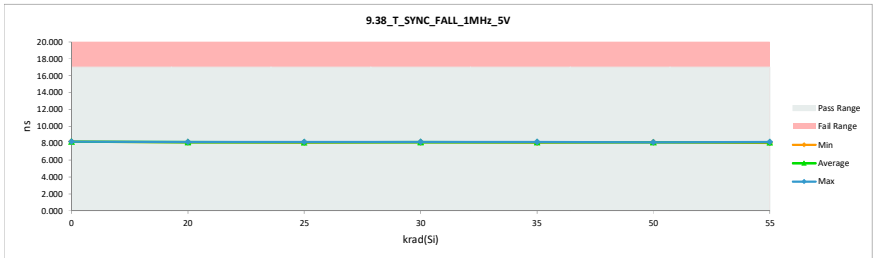
9.38_T_SYNC_FALL_1MHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.497	8.176	-0.321
25	1	8.485	8.140	-0.345
25	2	8.475	8.080	-0.395
25	3	8.480	8.112	-0.368
25	4	8.480	8.093	-0.387
25	5	8.481	8.089	-0.392
20	6	8.469	8.140	-0.329
20	7	8.469	8.104	-0.365
20	8	8.482	8.129	-0.353
20	9	8.479	8.124	-0.355
20	10	8.473	8.132	-0.341
35	11	8.475	8.148	-0.327
35	12	8.459	8.112	-0.347
35	13	8.469	8.088	-0.381
35	14	8.468	8.112	-0.356
35	15	8.465	8.086	-0.379
30	16	8.468	8.142	-0.326
30	17	8.472	8.105	-0.367
30	18	8.479	8.126	-0.353
30	19	8.495	8.149	-0.346
30	20	8.476	8.105	-0.371
55	21	8.487	8.097	-0.390
55	22	8.478	8.127	-0.351
55	23	8.482	8.092	-0.390
55	24	8.488	8.101	-0.387
55	25	8.490	8.135	-0.355
55	26	8.482	8.133	-0.349
55	27	8.484	8.109	-0.375
55	28	8.459	8.147	-0.312
55	29	8.484	8.097	-0.387
55	30	8.476	8.126	-0.350
55	31	8.471	8.132	-0.339
55	32	8.463	8.092	-0.371
55	33	8.466	8.116	-0.350
55	34	8.501	8.076	-0.425
55	35	8.499	8.120	-0.379
55	36	8.478	8.130	-0.348
55	37	8.443	8.053	-0.390
55	38	8.472	8.101	-0.371
55	39	8.461	8.062	-0.399
55	40	8.468	8.075	-0.393
55	41	8.477	8.068	-0.409
55	42	8.458	8.100	-0.358
50	43	8.464	8.117	-0.347
50	44	8.471	8.116	-0.355
50	45	8.463	8.091	-0.372
50	46	8.460	8.119	-0.341
50	47	8.475	8.110	-0.365
	Max	8.501	8.176	-0.312
	Average	8.475	8.111	-0.364
	Min	8.443	8.053	-0.425
	Std Dev	0.012	0.025	0.024

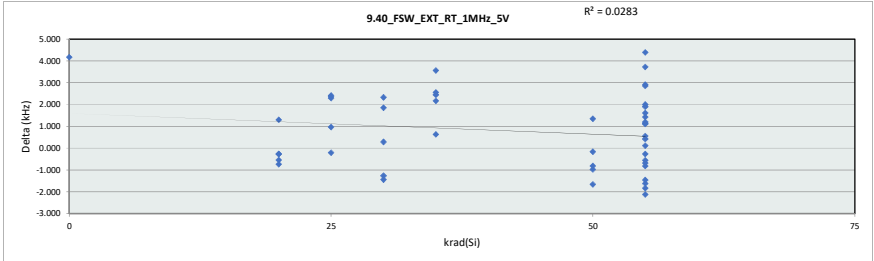
9.38_T_SYNC_FALL_1MHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.176	8.104	8.080	8.105	8.086	8.091	8.053
Average	8.176	8.126	8.103	8.125	8.109	8.111	8.104
Max	8.176	8.140	8.140	8.149	8.148	8.119	8.147
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

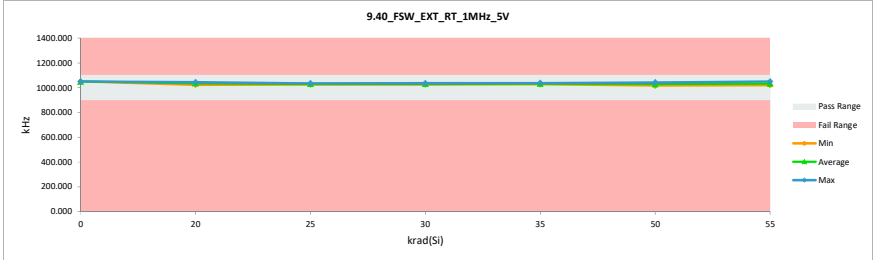
9.40_FSW_EXT_RT_1MHz_5V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	1100
Min Limit	900



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1045.738	1049.906	4.168
25	1	1033.323	1035.733	2.410
25	2	1023.407	1025.692	2.285
25	3	1031.335	1033.696	2.361
25	4	1031.847	1031.640	-0.207
25	5	1028.714	1029.678	0.964
20	6	1038.827	1038.283	-0.544
20	7	1038.036	1037.766	-0.270
20	8	1033.421	1032.685	-0.736
20	9	1022.299	1023.593	1.294
20	10	1044.127	1043.855	-0.272
35	11	1030.279	1030.908	0.629
35	12	1031.732	1034.174	2.442
35	13	1027.763	1031.323	3.560
35	14	1024.434	1026.984	2.550
35	15	1035.612	1037.775	2.163
30	16	1030.499	1032.345	1.846
30	17	1033.418	1032.152	-1.266
30	18	1034.245	1036.572	2.327
30	19	1025.374	1025.653	0.279
30	20	1030.496	1029.052	-1.444
55	21	1025.222	1023.598	-1.624
55	22	1029.212	1032.063	2.851
55	23	1040.087	1041.695	1.608
55	24	1033.233	1036.953	3.720
55	25	1035.113	1035.532	0.419
55	26	1019.271	1020.407	1.136
55	27	1029.552	1033.939	4.387
55	28	1025.578	1026.131	0.553
55	29	1031.982	1031.292	-0.690
55	30	1033.026	1033.141	0.115
55	31	1038.003	1036.168	-1.835
55	32	1037.059	1039.966	2.907
55	33	1048.216	1049.639	1.423
55	34	1038.081	1035.953	-2.128
55	35	1036.102	1035.544	-0.558
55	36	1029.426	1027.967	-1.459
55	37	1032.549	1031.725	-0.824
55	38	1035.948	1037.054	1.106
55	39	1036.500	1038.497	1.997
55	40	1034.102	1035.299	1.197
55	41	1030.927	1030.661	-0.266
55	42	1038.359	1040.260	1.901
50	43	1031.345	1030.527	-0.818
50	44	1026.218	1024.554	-1.664
50	45	1032.468	1031.491	-0.977
50	46	1040.068	1041.414	1.346
50	47	1017.429	1017.262	-0.167
	Max	1048.216	1049.906	4.387
	Average	1032.500	1033.296	0.796
	Min	1017.429	1017.262	-2.128
	Std Dev	6.284	6.598	1.706

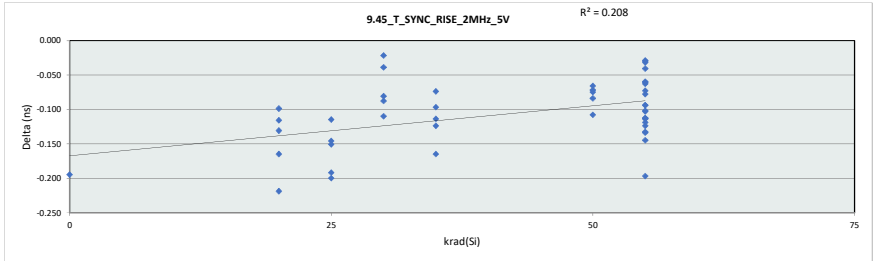
9.40_FSW_EXT_RT_1MHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	1100 kHz
Min Limit	900 kHz

krad(Si)	0	20	25	30	35	50	55
LL	900.000	900.000	900.000	900.000	900.000	900.000	900.000
Min	1049.906	1023.593	1025.692	1025.653	1026.984	1017.262	1020.407
Average	1049.906	1035.236	1031.288	1031.155	1032.233	1029.050	1034.249
Max	1049.906	1043.855	1035.733	1036.572	1037.775	1041.414	1049.639
UL	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

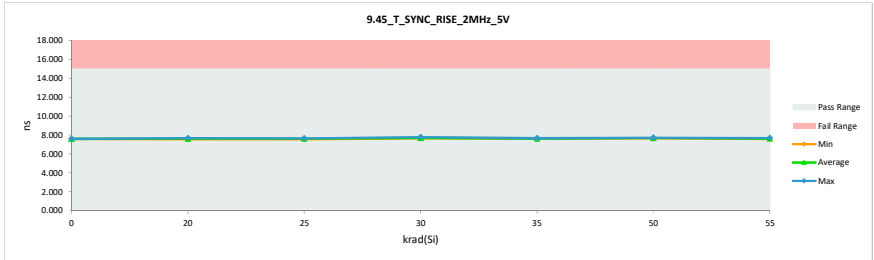
9.45_T_SYNC_RISE_2MHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.790	7.595	-0.195
25	1	7.792	7.600	-0.192
25	2	7.768	7.568	-0.200
25	3	7.794	7.648	-0.146
25	4	7.758	7.607	-0.151
25	5	7.691	7.576	-0.115
20	6	7.738	7.622	-0.116
20	7	7.771	7.640	-0.131
20	8	7.781	7.562	-0.219
20	9	7.761	7.596	-0.165
20	10	7.782	7.683	-0.099
35	11	7.743	7.629	-0.114
35	12	7.770	7.646	-0.124
35	13	7.729	7.655	-0.074
35	14	7.708	7.611	-0.097
35	15	7.829	7.664	-0.165
30	16	7.732	7.693	-0.039
30	17	7.779	7.669	-0.110
30	18	7.759	7.671	-0.088
30	19	7.746	7.665	-0.081
30	20	7.806	7.784	-0.022
55	21	7.791	7.594	-0.197
55	22	7.723	7.660	-0.063
55	23	7.739	7.625	-0.114
55	24	7.737	7.624	-0.113
55	25	7.730	7.597	-0.133
55	26	7.785	7.672	-0.113
55	27	7.741	7.622	-0.119
55	28	7.739	7.636	-0.103
55	29	7.728	7.668	-0.060
55	30	7.692	7.660	-0.032
55	31	7.707	7.666	-0.041
55	32	7.735	7.641	-0.094
55	33	7.734	7.610	-0.124
55	34	7.759	7.625	-0.134
55	35	7.665	7.636	-0.029
55	36	7.697	7.667	-0.030
55	37	7.718	7.624	-0.094
55	38	7.731	7.670	-0.061
55	39	7.717	7.644	-0.073
55	40	7.716	7.638	-0.078
55	41	7.759	7.614	-0.145
55	42	7.793	7.691	-0.102
50	43	7.737	7.653	-0.084
50	44	7.769	7.697	-0.072
50	45	7.767	7.701	-0.066
50	46	7.758	7.650	-0.108
50	47	7.797	7.722	-0.075
	Max	7.829	7.784	-0.022
	Average	7.750	7.644	-0.106
	Min	7.665	7.562	-0.219
	Std Dev	0.034	0.041	0.048

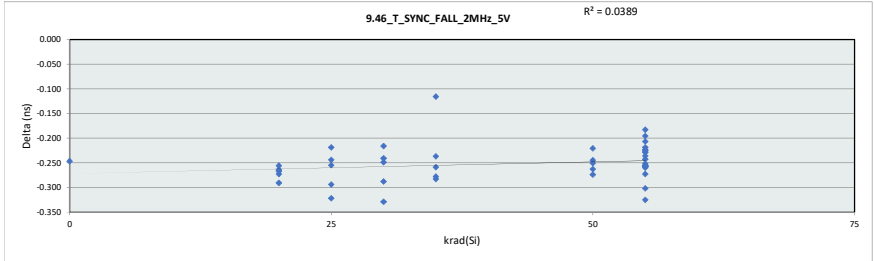
9.45_T_SYNC_RISE_2MHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.595	7.562	7.568	7.665	7.611	7.650	7.594
Average	7.595	7.621	7.600	7.696	7.641	7.685	7.640
Max	7.595	7.683	7.648	7.784	7.664	7.722	7.691
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

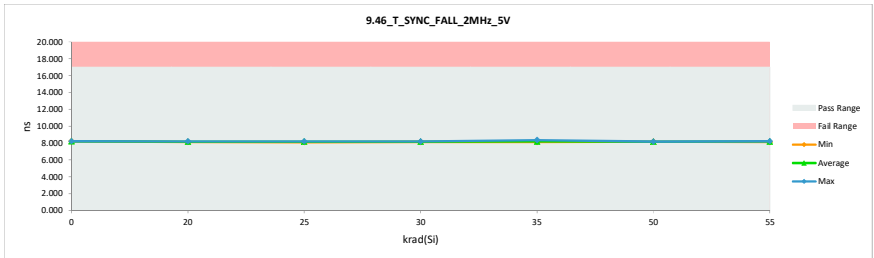
9.46_T_SYNC_FALL_2MHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.459	8.212	-0.247
25	1	8.420	8.165	-0.255
25	2	8.420	8.176	-0.244
25	3	8.438	8.144	-0.294
25	4	8.410	8.088	-0.322
25	5	8.417	8.198	-0.219
20	6	8.402	8.111	-0.291
20	7	8.397	8.141	-0.256
20	8	8.460	8.196	-0.264
20	9	8.406	8.139	-0.267
20	10	8.391	8.118	-0.273
35	11	8.395	8.112	-0.283
35	12	8.456	8.340	-0.116
35	13	8.397	8.138	-0.259
35	14	8.397	8.160	-0.237
35	15	8.404	8.126	-0.278
30	16	8.403	8.162	-0.241
30	17	8.399	8.183	-0.216
30	18	8.413	8.125	-0.288
30	19	8.401	8.152	-0.249
30	20	8.452	8.123	-0.329
55	21	8.484	8.182	-0.302
55	22	8.409	8.166	-0.243
55	23	8.415	8.196	-0.219
55	24	8.418	8.160	-0.258
55	25	8.416	8.209	-0.207
55	26	8.510	8.185	-0.325
55	27	8.414	8.178	-0.236
55	28	8.400	8.140	-0.260
55	29	8.424	8.196	-0.228
55	30	8.415	8.191	-0.224
55	31	8.391	8.208	-0.183
55	32	8.449	8.193	-0.256
55	33	8.409	8.184	-0.225
55	34	8.447	8.191	-0.256
55	35	8.415	8.219	-0.196
55	36	8.400	8.171	-0.229
55	37	8.378	8.121	-0.257
55	38	8.406	8.149	-0.257
55	39	8.377	8.125	-0.252
55	40	8.393	8.120	-0.273
55	41	8.404	8.146	-0.258
55	42	8.431	8.175	-0.256
50	43	8.410	8.147	-0.263
50	44	8.389	8.138	-0.251
50	45	8.387	8.166	-0.221
50	46	8.401	8.156	-0.245
50	47	8.444	8.170	-0.274
Max		8.510	8.340	-0.116
Average		8.416	8.164	-0.252
Min		8.377	8.088	-0.329
Std Dev		0.027	0.040	0.037

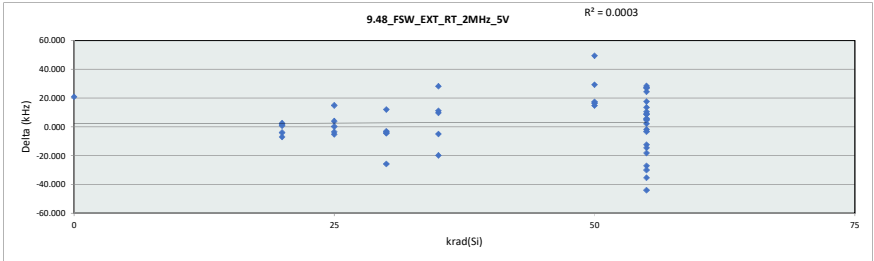
9.46_T_SYNC_FALL_2MHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.212	8.111	8.088	8.123	8.112	8.138	8.120
Average	8.212	8.141	8.154	8.149	8.175	8.155	8.173
Max	8.212	8.196	8.198	8.183	8.340	8.170	8.219
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

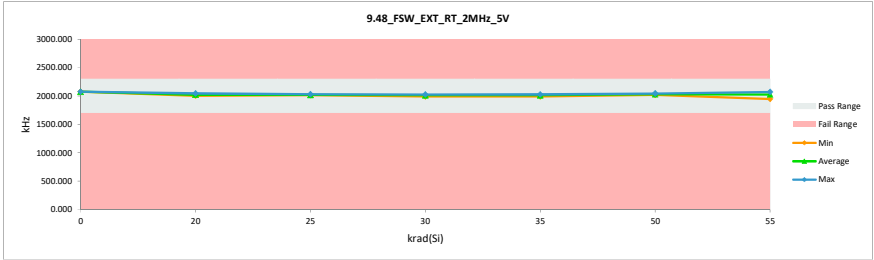
9.48_FSW_EXT_RT_2MHz_5V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	2300
Min Limit	1700



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	2055.091	2075.948	20.857
25	1	2021.753	2021.943	0.190
25	2	2013.793	2017.635	3.842
25	3	2018.436	2013.222	-5.214
25	4	2016.597	2013.018	-3.579
25	5	2016.518	2031.346	14.828
20	6	2033.854	2035.684	1.830
20	7	2024.936	2020.866	-4.070
20	8	2018.100	2011.039	-7.061
20	9	2000.756	2003.256	2.500
20	10	2045.318	2046.151	0.833
35	11	2007.141	2016.798	9.657
35	12	2011.507	1991.604	-19.903
35	13	2000.813	2028.994	28.181
35	14	1994.523	2005.614	11.091
35	15	2027.557	2022.493	-5.064
30	16	2018.882	2014.299	-4.583
30	17	2028.972	2025.797	-3.175
30	18	2017.571	2013.370	-4.201
30	19	2010.260	2022.268	12.008
30	20	2017.266	1991.374	-25.892
55	21	2001.919	1966.427	-35.492
55	22	2009.116	2033.420	24.304
55	23	2047.260	2057.673	10.413
55	24	2034.726	2022.263	-12.463
55	25	2040.022	2048.869	8.847
55	26	1992.406	1948.330	-44.076
55	27	2021.228	2049.607	28.379
55	28	2018.046	2026.686	8.640
55	29	2012.538	2017.524	4.986
55	30	2022.582	2049.649	27.067
55	31	2044.324	2071.266	26.942
55	32	2049.476	2019.386	-30.090
55	33	2061.604	2043.376	-18.228
55	34	2049.124	2045.729	-3.395
55	35	2039.225	2052.725	13.500
55	36	2014.458	2032.037	17.579
55	37	2015.901	2020.577	4.676
55	38	2018.757	2004.119	-14.638
55	39	2030.681	2032.762	2.081
55	40	2019.038	2024.782	5.744
55	41	2013.763	2011.893	-1.870
55	42	2032.839	2005.731	-27.108
50	43	2006.035	2035.242	29.207
50	44	2008.207	2024.577	16.370
50	45	2007.052	2021.764	14.712
50	46	2026.434	2043.729	17.295
50	47	1981.629	2031.071	49.442
	Max	2061.604	2075.948	49.442
	Average	2021.209	2024.249	3.040
	Min	1981.629	1948.330	-44.076
	Std Dev	16.879	22.965	18.433

9.48_FSW_EXT_RT_2MHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	2300
Min Limit	1700

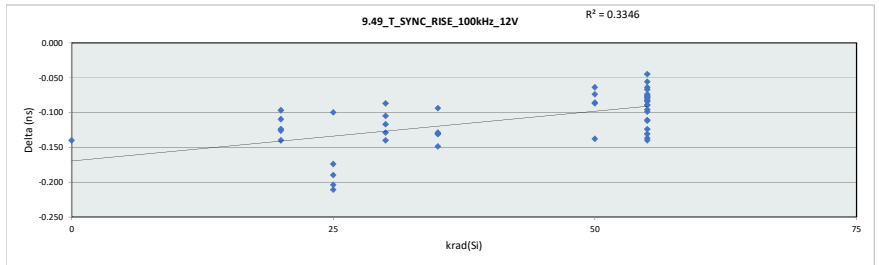
krad(Si)	0	20	25	30	35	50	55
LL	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000
Min	2075.948	2003.256	2013.018	1991.374	1991.604	2021.764	1948.330
Average	2075.948	2023.399	2019.433	2013.422	2013.101	2031.277	2026.583
Max	2075.948	2046.151	2031.346	2025.797	2028.994	2043.729	2071.266
UL	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

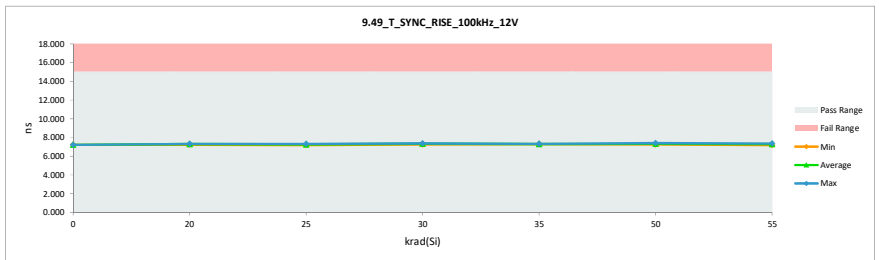
9.49_T_SYNC_RISE_100kHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.355	7.215	-0.140
25	1	7.512	7.301	-0.211
25	2	7.364	7.174	-0.190
25	3	7.370	7.196	-0.174
25	4	7.523	7.319	-0.204
25	5	7.411	7.311	-0.100
20	6	7.403	7.306	-0.097
20	7	7.446	7.322	-0.124
20	8	7.380	7.240	-0.140
20	9	7.443	7.317	-0.126
20	10	7.399	7.289	-0.110
35	11	7.415	7.284	-0.131
35	12	7.407	7.276	-0.131
35	13	7.433	7.304	-0.129
35	14	7.426	7.332	-0.094
35	15	7.428	7.279	-0.149
30	16	7.443	7.326	-0.117
30	17	7.451	7.346	-0.105
30	18	7.458	7.371	-0.087
30	19	7.489	7.360	-0.129
30	20	7.394	7.254	-0.140
55	21	7.332	7.242	-0.090
55	22	7.400	7.336	-0.064
55	23	7.343	7.232	-0.111
55	24	7.379	7.300	-0.079
55	25	7.411	7.315	-0.096
55	26	7.394	7.327	-0.067
55	27	7.422	7.343	-0.079
55	28	7.400	7.276	-0.124
55	29	7.393	7.337	-0.056
55	30	7.415	7.331	-0.084
55	31	7.370	7.325	-0.045
55	32	7.440	7.351	-0.089
55	33	7.407	7.325	-0.082
55	34	7.398	7.286	-0.112
55	35	7.316	7.176	-0.140
55	36	7.315	7.239	-0.076
55	37	7.320	7.236	-0.084
55	38	7.368	7.294	-0.074
55	39	7.408	7.309	-0.099
55	40	7.356	7.279	-0.077
55	41	7.441	7.304	-0.137
55	42	7.431	7.300	-0.131
50	43	7.377	7.303	-0.074
50	44	7.463	7.399	-0.064
50	45	7.387	7.249	-0.138
50	46	7.460	7.374	-0.086
50	47	7.399	7.312	-0.087
	Max	7.523	7.399	-0.045
	Average	7.406	7.296	-0.110
	Min	7.315	7.174	-0.211
	Std Dev	0.046	0.049	0.037



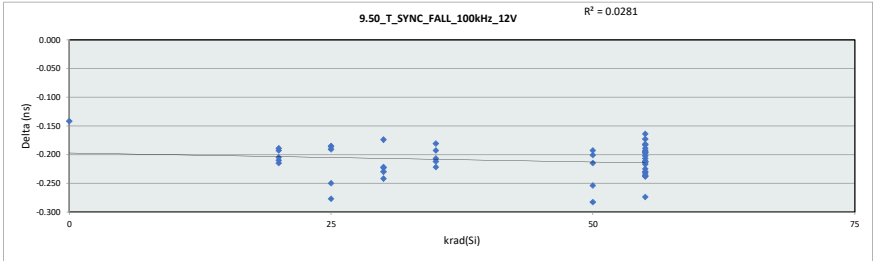
9.49_T_SYNC_RISE_100kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.215	7.240	7.174	7.254	7.276	7.249	7.176
Average	7.215	7.295	7.260	7.331	7.295	7.327	7.294
Max	7.215	7.322	7.319	7.371	7.332	7.399	7.351
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



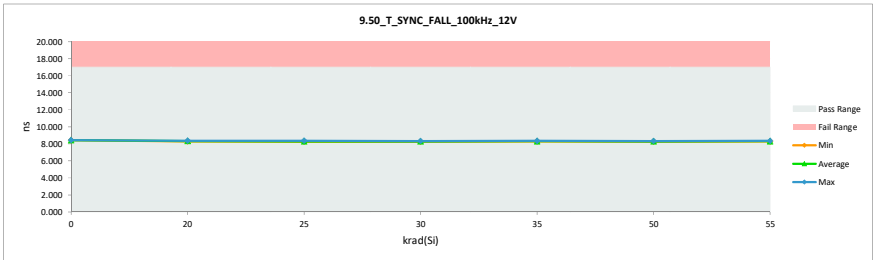
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

9.50_T_SYNC_FALL_100kHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns ns
Max Limit	14 17
Min Limit	0 0



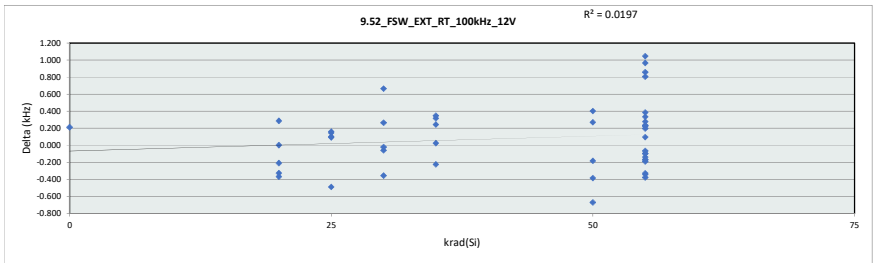
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.567	8.425	-0.142
25	1	8.493	8.308	-0.185
25	2	8.559	8.373	-0.186
25	3	8.554	8.277	-0.277
25	4	8.455	8.264	-0.191
25	5	8.520	8.270	-0.250
20	6	8.521	8.311	-0.210
20	7	8.503	8.288	-0.215
20	8	8.558	8.365	-0.193
20	9	8.524	8.335	-0.189
20	10	8.543	8.338	-0.205
35	11	8.532	8.310	-0.222
35	12	8.503	8.310	-0.193
35	13	8.508	8.296	-0.212
35	14	8.510	8.303	-0.207
35	15	8.530	8.349	-0.181
30	16	8.523	8.300	-0.223
30	17	8.503	8.281	-0.222
30	18	8.505	8.331	-0.174
30	19	8.492	8.250	-0.242
30	20	8.550	8.320	-0.230
55	21	8.571	8.333	-0.238
55	22	8.522	8.305	-0.217
55	23	8.548	8.346	-0.202
55	24	8.541	8.346	-0.195
55	25	8.510	8.278	-0.232
55	26	8.533	8.336	-0.197
55	27	8.527	8.313	-0.214
55	28	8.540	8.357	-0.183
55	29	8.523	8.287	-0.236
55	30	8.502	8.277	-0.225
55	31	8.504	8.331	-0.173
55	32	8.478	8.314	-0.164
55	33	8.524	8.328	-0.196
55	34	8.552	8.345	-0.207
55	35	8.550	8.312	-0.238
55	36	8.576	8.302	-0.274
55	37	8.514	8.302	-0.212
55	38	8.533	8.340	-0.193
55	39	8.475	8.286	-0.189
55	40	8.555	8.325	-0.230
55	41	8.509	8.327	-0.182
55	42	8.506	8.294	-0.212
50	43	8.550	8.267	-0.283
50	44	8.496	8.295	-0.201
50	45	8.547	8.293	-0.254
50	46	8.497	8.282	-0.215
50	47	8.533	8.340	-0.193
	Max	8.576	8.425	-0.142
	Average	8.524	8.314	-0.210
	Min	8.455	8.250	-0.283
	Std Dev	0.026	0.033	0.029

9.50_T_SYNC_FALL_100kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	17 ns
Min Limit	0 ns



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

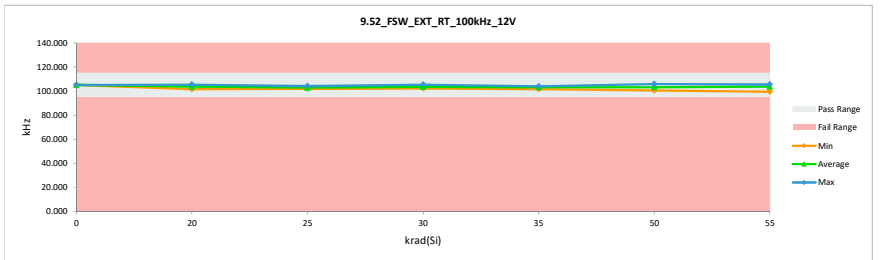
9.52_FSW_EXT_RT_100kHz_12V		
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95



9.52_FSW_EXT_RT_100kHz_12V		
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95

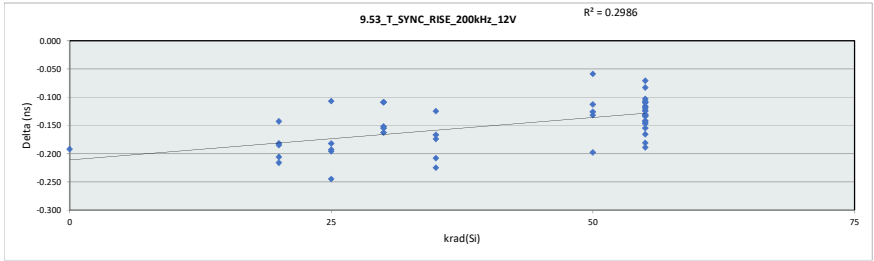
krad(Si)	0	20	25	30	35	50	55
LL	95.000	95.000	95.000	95.000	95.000	95.000	95.000
Min	105.152	101.626	101.971	102.186	101.602	100.510	99.522
Average	105.152	103.705	103.071	103.541	103.226	103.161	103.736
Max	105.152	105.374	104.087	105.368	104.004	105.815	105.535
UL	115.000	115.000	115.000	115.000	115.000	115.000	115.000

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	104.942	105.152	0.210
25	1	103.112	103.211	0.099
25	2	101.827	101.971	0.144
25	3	103.928	104.087	0.159
25	4	103.963	103.472	-0.491
25	5	102.524	102.615	0.091
20	6	104.442	104.113	-0.329
20	7	104.369	104.158	-0.211
20	8	103.256	103.256	0.000
20	9	101.342	101.626	0.284
20	10	105.743	105.374	-0.369
35	11	104.143	103.917	-0.226
35	12	103.047	103.070	0.023
35	13	103.690	104.004	0.314
35	14	101.361	101.602	0.241
35	15	103.193	103.539	0.346
30	16	103.566	104.229	0.663
30	17	103.631	103.571	-0.060
30	18	105.105	105.368	0.263
30	19	102.209	102.186	-0.023
30	20	102.708	102.350	-0.358
55	21	101.613	101.443	-0.170
55	22	104.678	105.535	0.857
55	23	104.015	104.210	0.195
55	24	102.998	104.042	1.044
55	25	103.831	103.733	-0.098
55	26	99.852	99.522	-0.330
55	27	104.076	105.040	0.964
55	28	102.346	102.571	0.225
55	29	104.065	103.925	-0.140
55	30	103.680	103.489	-0.191
55	31	104.711	104.368	-0.343
55	32	102.723	103.527	0.804
55	33	105.357	105.452	0.095
55	34	103.848	103.468	-0.380
55	35	103.681	103.582	-0.099
55	36	103.407	103.633	0.226
55	37	103.753	104.029	0.276
55	38	103.855	104.088	0.233
55	39	104.356	104.739	0.383
55	40	104.463	104.395	-0.068
55	41	103.958	104.291	0.333
55	42	103.278	103.108	-0.170
50	43	104.068	103.682	-0.386
50	44	102.946	102.274	-0.672
50	45	103.708	103.524	-0.184
50	46	105.415	105.815	0.400
50	47	100.242	100.510	0.268
	Max	105.743	105.815	1.044
	Average	103.480	103.560	0.080
	Min	99.852	99.522	-0.672
	Std Dev	1.234	1.288	0.377



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

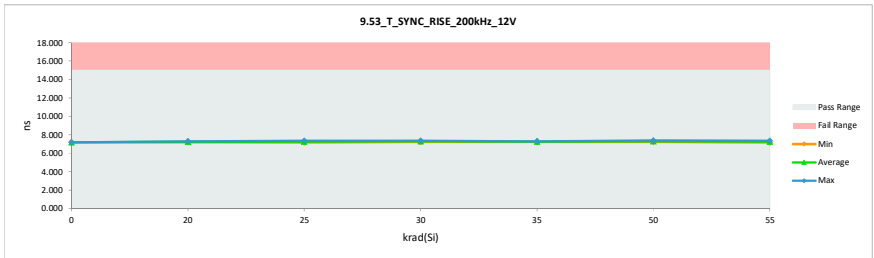
9.53_T_SYNC_RISE_200kHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.361	7.169	-0.192
25	1	7.501	7.256	-0.245
25	2	7.334	7.141	-0.193
25	3	7.388	7.192	-0.196
25	4	7.524	7.342	-0.182
25	5	7.419	7.312	-0.107
20	6	7.416	7.273	-0.143
20	7	7.444	7.228	-0.216
20	8	7.397	7.191	-0.206
20	9	7.438	7.256	-0.182
20	10	7.390	7.205	-0.185
35	11	7.426	7.252	-0.174
35	12	7.415	7.207	-0.208
35	13	7.435	7.210	-0.225
35	14	7.410	7.285	-0.125
35	15	7.444	7.277	-0.167
30	16	7.390	7.281	-0.109
30	17	7.472	7.317	-0.155
30	18	7.450	7.341	-0.109
30	19	7.475	7.312	-0.163
30	20	7.373	7.221	-0.152
55	21	7.324	7.143	-0.181
55	22	7.401	7.298	-0.103
55	23	7.320	7.178	-0.142
55	24	7.368	7.259	-0.109
55	25	7.428	7.273	-0.155
55	26	7.388	7.272	-0.116
55	27	7.438	7.306	-0.132
55	28	7.377	7.252	-0.125
55	29	7.398	7.291	-0.107
55	30	7.418	7.335	-0.083
55	31	7.379	7.260	-0.119
55	32	7.427	7.293	-0.134
55	33	7.379	7.256	-0.123
55	34	7.379	7.269	-0.110
55	35	7.328	7.257	-0.071
55	36	7.336	7.170	-0.166
55	37	7.352	7.221	-0.131
55	38	7.355	7.223	-0.132
55	39	7.415	7.271	-0.144
55	40	7.349	7.231	-0.118
55	41	7.428	7.281	-0.147
55	42	7.461	7.272	-0.189
50	43	7.376	7.250	-0.126
50	44	7.438	7.379	-0.059
50	45	7.385	7.253	-0.132
50	46	7.450	7.337	-0.113
50	47	7.400	7.202	-0.198
	Max	7.524	7.379	-0.059
	Average	7.404	7.256	-0.148
	Min	7.320	7.141	-0.245
	Std Dev	0.046	0.053	0.041

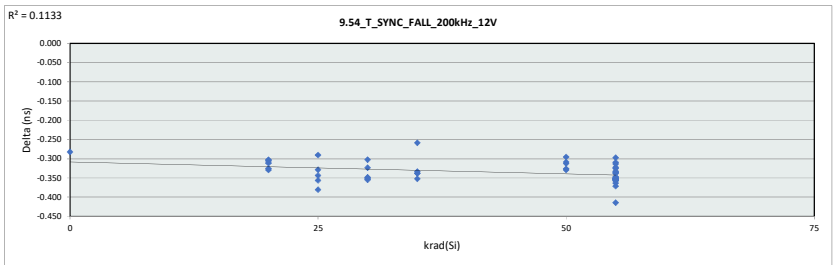
9.53_T_SYNC_RISE_200kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.169	7.191	7.141	7.221	7.207	7.202	7.143
Average	7.169	7.231	7.249	7.294	7.246	7.284	7.255
Max	7.169	7.273	7.342	7.341	7.285	7.379	7.335
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

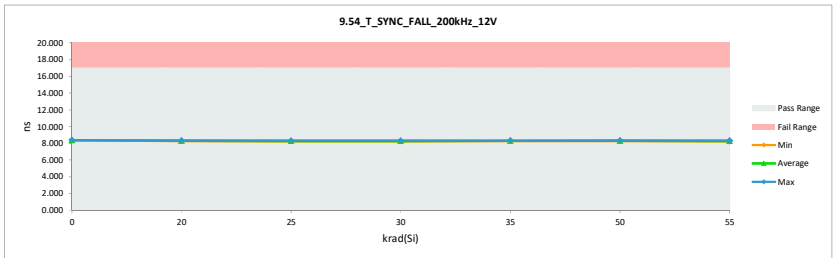
9.54_T_SYNC_FALL_200kHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.664	8.381	-0.283
25	1	8.583	8.292	-0.291
25	2	8.673	8.316	-0.357
25	3	8.661	8.280	-0.381
25	4	8.566	8.222	-0.344
25	5	8.624	8.295	-0.329
20	6	8.608	8.296	-0.312
20	7	8.604	8.274	-0.330
20	8	8.653	8.327	-0.326
20	9	8.618	8.315	-0.303
20	10	8.638	8.332	-0.306
35	11	8.618	8.279	-0.339
35	12	8.590	8.331	-0.259
35	13	8.615	8.262	-0.353
35	14	8.603	8.265	-0.338
35	15	8.640	8.306	-0.334
30	16	8.616	8.313	-0.303
30	17	8.619	8.270	-0.349
30	18	8.607	8.283	-0.324
30	19	8.587	8.232	-0.355
30	20	8.646	8.295	-0.351
55	21	8.671	8.314	-0.357
55	22	8.619	8.283	-0.336
55	23	8.660	8.334	-0.326
55	24	8.638	8.290	-0.348
55	25	8.597	8.243	-0.354
55	26	8.616	8.302	-0.314
55	27	8.619	8.204	-0.415
55	28	8.616	8.263	-0.353
55	29	8.622	8.266	-0.356
55	30	8.584	8.251	-0.333
55	31	8.615	8.292	-0.323
55	32	8.569	8.211	-0.358
55	33	8.639	8.300	-0.339
55	34	8.651	8.299	-0.352
55	35	8.654	8.282	-0.372
55	36	8.660	8.296	-0.364
55	37	8.622	8.324	-0.298
55	38	8.634	8.280	-0.354
55	39	8.576	8.266	-0.310
55	40	8.637	8.283	-0.354
55	41	8.601	8.249	-0.352
55	42	8.597	8.248	-0.349
50	43	8.634	8.321	-0.313
50	44	8.599	8.303	-0.296
50	45	8.645	8.318	-0.327
50	46	8.578	8.269	-0.309
50	47	8.651	8.321	-0.330
	Max	8.673	8.381	-0.259
	Average	8.622	8.287	-0.335
	Min	8.566	8.204	-0.415
	Std Dev	0.028	0.034	0.028

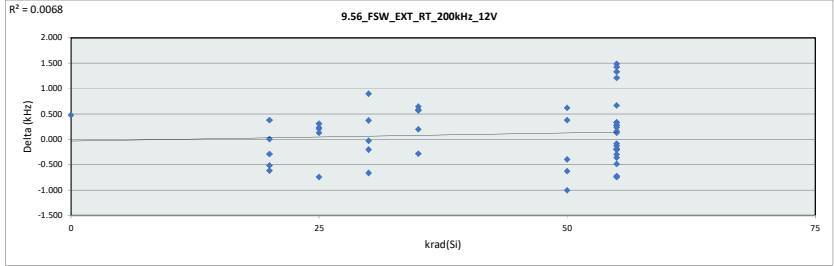
9.54_T_SYNC_FALL_200kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.381	8.274	8.222	8.232	8.262	8.269	8.204
Average	8.381	8.309	8.281	8.279	8.289	8.306	8.276
Max	8.381	8.332	8.316	8.313	8.331	8.321	8.334
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

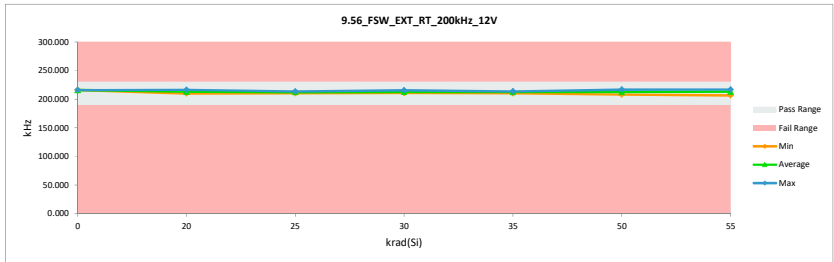
9.56_FSW_EXT_RT_200kHz_12V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	230
Min Limit	190



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	215.670	216.143	0.473
25	1	212.483	212.685	0.202
25	2	209.995	210.224	0.229
25	3	213.202	213.508	0.306
25	4	213.637	212.890	-0.747
25	5	211.629	211.754	0.125
20	6	214.687	214.170	-0.517
20	7	214.483	214.188	-0.295
20	8	212.533	212.534	0.001
20	9	209.459	209.834	0.375
20	10	216.853	216.233	-0.620
35	11	213.733	213.444	-0.289
35	12	212.150	212.345	0.195
35	13	213.011	213.653	0.642
35	14	209.820	210.382	0.562
35	15	212.894	213.474	0.580
30	16	212.950	213.842	0.892
30	17	213.241	213.032	-0.209
30	18	215.142	215.512	0.370
30	19	210.899	210.865	-0.034
30	20	211.738	211.071	-0.667
55	21	209.885	209.519	-0.366
55	22	214.295	215.501	1.206
55	23	214.361	214.634	0.273
55	24	212.230	213.710	1.480
55	25	213.540	213.408	-0.132
55	26	207.154	206.664	-0.490
55	27	213.612	215.033	1.421
55	28	210.859	211.187	0.328
55	29	213.693	213.390	-0.303
55	30	213.405	213.198	-0.207
55	31	215.092	214.362	-0.730
55	32	212.071	213.398	1.327
55	33	216.712	216.867	0.155
55	34	213.768	213.020	-0.748
55	35	213.356	213.164	-0.192
55	36	212.812	212.937	0.125
55	37	213.232	213.463	0.231
55	38	213.737	214.006	0.269
55	39	214.301	214.965	0.664
55	40	214.449	214.360	-0.089
55	41	213.529	213.859	0.330
55	42	213.134	212.930	-0.204
50	43	213.865	213.232	-0.633
50	44	211.827	210.819	-1.008
50	45	213.573	213.174	-0.399
50	46	216.125	216.742	0.617
50	47	207.513	207.884	0.371
	Max	216.853	216.867	1.480
	Average	212.965	213.067	0.101
	Min	207.154	206.664	-1.008
	Std Dev	2.032	2.090	0.585

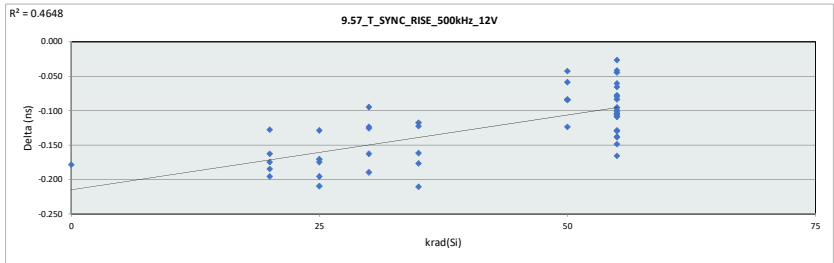
9.56_FSW_EXT_RT_200kHz_12V	
Test Site	
Tester	
Test Number	
Max Limit	230 kHz
Min Limit	190 kHz

krad(Si)	0	20	25	30	35	50	55
LL	190.000	190.000	190.000	190.000	190.000	190.000	190.000
Min	216.143	209.834	210.224	210.865	210.382	207.884	206.664
Average	216.143	213.392	212.212	212.864	212.660	212.370	213.344
Max	216.143	216.233	213.508	215.512	213.653	216.742	216.867
UL	230.000	230.000	230.000	230.000	230.000	230.000	230.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

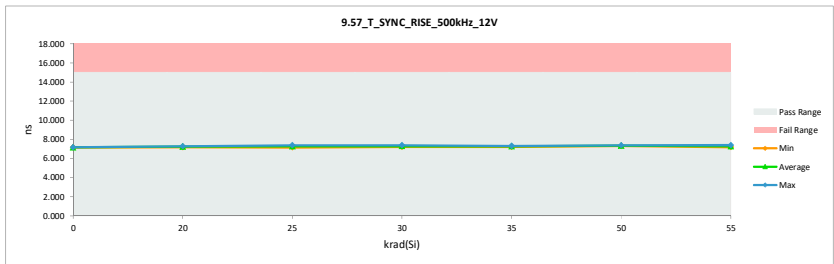
9.57_T_SYNC_RISE_500kHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.340	7.161	-0.179
25	1	7.499	7.303	-0.196
25	2	7.364	7.154	-0.210
25	3	7.383	7.208	-0.175
25	4	7.545	7.374	-0.171
25	5	7.388	7.259	-0.129
20	6	7.412	7.227	-0.185
20	7	7.436	7.273	-0.163
20	8	7.368	7.172	-0.196
20	9	7.426	7.251	-0.175
20	10	7.374	7.246	-0.128
35	11	7.408	7.246	-0.162
35	12	7.428	7.217	-0.211
35	13	7.416	7.239	-0.177
35	14	7.418	7.295	-0.123
35	15	7.425	7.307	-0.118
30	16	7.400	7.274	-0.126
30	17	7.454	7.264	-0.190
30	18	7.443	7.319	-0.124
30	19	7.474	7.379	-0.095
30	20	7.372	7.209	-0.163
55	21	7.327	7.189	-0.138
55	22	7.376	7.292	-0.084
55	23	7.333	7.204	-0.129
55	24	7.353	7.257	-0.096
55	25	7.392	7.243	-0.149
55	26	7.392	7.314	-0.078
55	27	7.419	7.323	-0.096
55	28	7.375	7.269	-0.106
55	29	7.396	7.257	-0.139
55	30	7.426	7.317	-0.109
55	31	7.355	7.310	-0.045
55	32	7.428	7.319	-0.109
55	33	7.339	7.234	-0.105
55	34	7.375	7.209	-0.166
55	35	7.311	7.209	-0.102
55	36	7.309	7.282	-0.027
55	37	7.346	7.246	-0.100
55	38	7.359	7.293	-0.066
55	39	7.411	7.281	-0.130
55	40	7.331	7.251	-0.080
55	41	7.426	7.384	-0.042
55	42	7.420	7.359	-0.061
50	43	7.371	7.312	-0.059
50	44	7.446	7.361	-0.085
50	45	7.370	7.327	-0.043
50	46	7.465	7.341	-0.124
50	47	7.384	7.300	-0.084
	Max	7.545	7.384	-0.027
	Average	7.396	7.272	-0.124
	Min	7.309	7.154	-0.211
	Std Dev	0.048	0.057	0.048

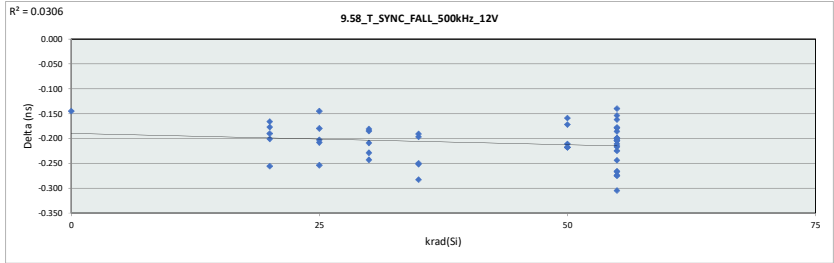
9.57_T_SYNC_RISE_500kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.161	7.172	7.154	7.209	7.217	7.300	7.189
Average	7.161	7.234	7.260	7.289	7.261	7.328	7.275
Max	7.161	7.273	7.374	7.379	7.307	7.361	7.384
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

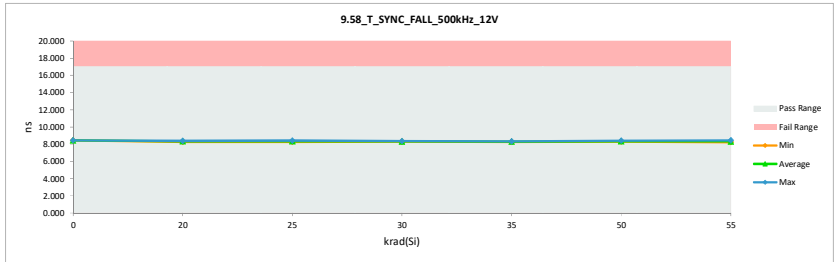
9.58_T_SYNC_FALL_500kHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.588	8.443	-0.145
25	1	8.508	8.328	-0.180
25	2	8.600	8.346	-0.254
25	3	8.573	8.428	-0.145
25	4	8.480	8.272	-0.208
25	5	8.521	8.318	-0.203
20	6	8.542	8.376	-0.166
20	7	8.536	8.280	-0.256
20	8	8.566	8.389	-0.177
20	9	8.537	8.336	-0.201
20	10	8.558	8.368	-0.190
35	11	8.542	8.259	-0.283
35	12	8.518	8.327	-0.191
35	13	8.534	8.284	-0.250
35	14	8.524	8.327	-0.197
35	15	8.558	8.306	-0.252
30	16	8.528	8.347	-0.181
30	17	8.534	8.305	-0.229
30	18	8.533	8.290	-0.243
30	19	8.501	8.316	-0.185
30	20	8.572	8.363	-0.209
55	21	8.580	8.369	-0.211
55	22	8.546	8.360	-0.186
55	23	8.580	8.440	-0.140
55	24	8.555	8.401	-0.154
55	25	8.532	8.257	-0.275
55	26	8.543	8.365	-0.178
55	27	8.541	8.324	-0.217
55	28	8.546	8.302	-0.244
55	29	8.548	8.243	-0.305
55	30	8.505	8.280	-0.225
55	31	8.547	8.281	-0.266
55	32	8.488	8.284	-0.204
55	33	8.545	8.340	-0.205
55	34	8.561	8.361	-0.200
55	35	8.570	8.296	-0.274
55	36	8.586	8.386	-0.200
55	37	8.535	8.356	-0.179
55	38	8.553	8.338	-0.215
55	39	8.490	8.286	-0.204
55	40	8.561	8.294	-0.267
55	41	8.526	8.364	-0.162
55	42	8.533	8.334	-0.199
50	43	8.569	8.410	-0.159
50	44	8.524	8.313	-0.211
50	45	8.560	8.342	-0.218
50	46	8.502	8.330	-0.172
50	47	8.559	8.341	-0.218
	Max	8.600	8.443	-0.140
	Average	8.542	8.333	-0.209
	Min	8.480	8.243	-0.305
	Std Dev	0.027	0.047	0.039

9.58_T_SYNC_FALL_500kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

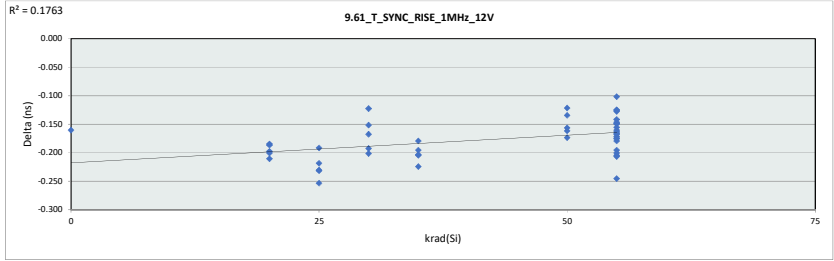
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.443	8.280	8.272	8.290	8.259	8.313	8.243
Average	8.443	8.350	8.338	8.324	8.301	8.347	8.330
Max	8.443	8.389	8.428	8.363	8.327	8.410	8.440
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

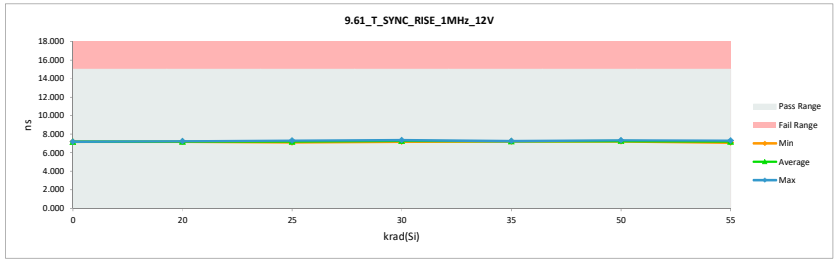
9.61_T_SYNC_RISE_1MHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.333	7.172	-0.161
25	1	7.470	7.251	-0.219
25	2	7.359	7.105	-0.254
25	3	7.381	7.189	-0.192
25	4	7.530	7.299	-0.231
25	5	7.391	7.159	-0.232
20	6	7.412	7.227	-0.185
20	7	7.422	7.211	-0.211
20	8	7.359	7.161	-0.198
20	9	7.439	7.238	-0.201
20	10	7.373	7.186	-0.187
35	11	7.409	7.184	-0.225
35	12	7.403	7.198	-0.205
35	13	7.413	7.209	-0.204
35	14	7.429	7.249	-0.180
35	15	7.433	7.237	-0.196
30	16	7.424	7.256	-0.168
30	17	7.443	7.291	-0.152
30	18	7.452	7.259	-0.193
30	19	7.470	7.347	-0.123
30	20	7.372	7.170	-0.202
55	21	7.322	7.076	-0.246
55	22	7.387	7.220	-0.167
55	23	7.321	7.141	-0.180
55	24	7.351	7.176	-0.175
55	25	7.414	7.218	-0.196
55	26	7.394	7.266	-0.128
55	27	7.425	7.220	-0.205
55	28	7.366	7.202	-0.164
55	29	7.397	7.196	-0.201
55	30	7.418	7.292	-0.126
55	31	7.361	7.259	-0.102
55	32	7.423	7.262	-0.161
55	33	7.348	7.199	-0.149
55	34	7.361	7.211	-0.150
55	35	7.306	7.164	-0.142
55	36	7.314	7.167	-0.147
55	37	7.349	7.193	-0.156
55	38	7.358	7.186	-0.172
55	39	7.405	7.280	-0.125
55	40	7.348	7.172	-0.176
55	41	7.427	7.259	-0.168
55	42	7.417	7.210	-0.207
50	43	7.372	7.210	-0.162
50	44	7.447	7.325	-0.122
50	45	7.361	7.226	-0.135
50	46	7.464	7.307	-0.157
50	47	7.395	7.221	-0.174
	Max	7.530	7.347	-0.102
	Average	7.395	7.218	-0.177
	Min	7.306	7.076	-0.254
	Std Dev	0.046	0.054	0.035



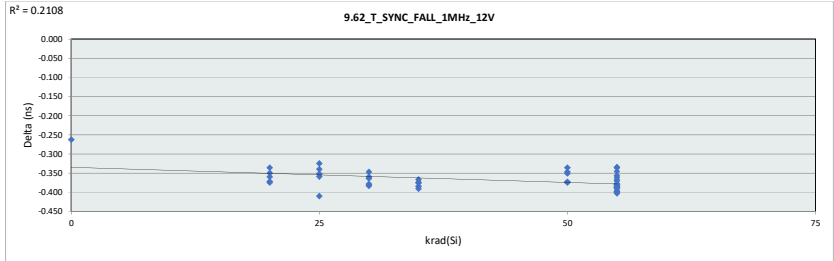
9.61_T_SYNC_RISE_1MHz_12V	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.172	7.161	7.105	7.170	7.184	7.210	7.076
Average	7.172	7.205	7.201	7.265	7.215	7.258	7.208
Max	7.172	7.238	7.299	7.347	7.249	7.325	7.292
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

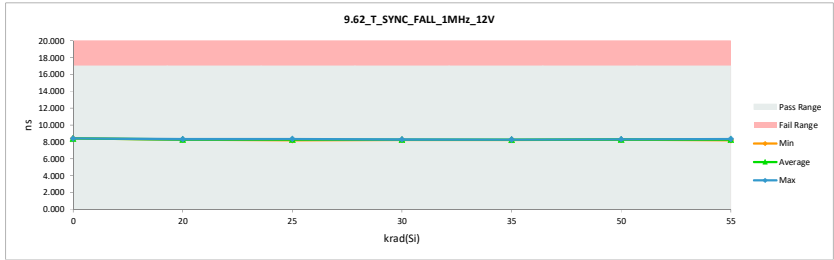
9.62_T_SYNC_FALL_1MHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.675	8.412	-0.263
25	1	8.605	8.253	-0.352
25	2	8.678	8.353	-0.325
25	3	8.682	8.342	-0.340
25	4	8.594	8.184	-0.410
25	5	8.636	8.277	-0.359
20	6	8.644	8.272	-0.372
20	7	8.624	8.264	-0.360
20	8	8.681	8.306	-0.375
20	9	8.653	8.317	-0.336
20	10	8.653	8.303	-0.350
35	11	8.652	8.261	-0.391
35	12	8.633	8.259	-0.374
35	13	8.640	8.273	-0.367
35	14	8.626	8.250	-0.376
35	15	8.659	8.274	-0.385
30	16	8.643	8.283	-0.360
30	17	8.641	8.277	-0.364
30	18	8.624	8.245	-0.379
30	19	8.608	8.261	-0.347
30	20	8.668	8.285	-0.383
55	21	8.698	8.362	-0.336
55	22	8.653	8.282	-0.371
55	23	8.692	8.293	-0.399
55	24	8.664	8.284	-0.380
55	25	8.630	8.233	-0.397
55	26	8.660	8.293	-0.367
55	27	8.638	8.251	-0.387
55	28	8.652	8.291	-0.361
55	29	8.655	8.265	-0.390
55	30	8.615	8.280	-0.335
55	31	8.638	8.250	-0.388
55	32	8.592	8.211	-0.381
55	33	8.645	8.266	-0.379
55	34	8.677	8.274	-0.403
55	35	8.674	8.277	-0.397
55	36	8.696	8.311	-0.385
55	37	8.649	8.260	-0.389
55	38	8.647	8.246	-0.401
55	39	8.598	8.219	-0.379
55	40	8.670	8.314	-0.356
55	41	8.637	8.255	-0.382
55	42	8.620	8.274	-0.346
50	43	8.660	8.313	-0.347
50	44	8.620	8.269	-0.351
50	45	8.668	8.295	-0.373
50	46	8.600	8.264	-0.336
50	47	8.668	8.293	-0.375
	Max	8.698	8.412	-0.263
	Average	8.647	8.279	-0.368
	Min	8.592	8.184	-0.410
	Std Dev	0.027	0.038	0.026

9.62_T_SYNC_FALL_1MHz_12V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

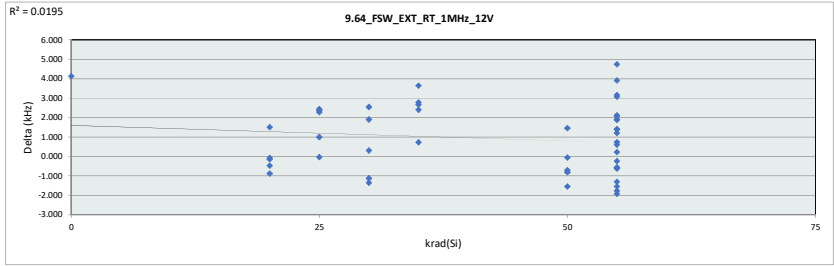
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.412	8.264	8.184	8.245	8.250	8.264	8.211
Average	8.412	8.292	8.282	8.270	8.263	8.287	8.272
Max	8.412	8.317	8.353	8.285	8.274	8.313	8.362
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report TPS7H5008-SEP

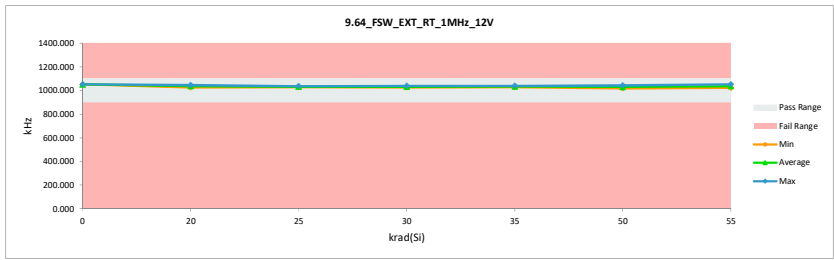
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

9.64_FSW_EXT_RT_1MHz_12V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	1100
Min Limit	900



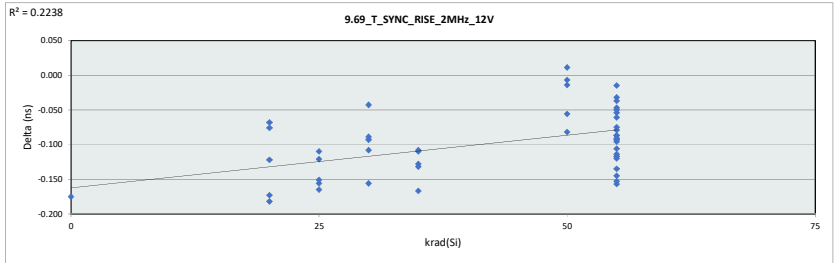
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1047.575	1051.705	4.130
25	1	1034.492	1036.767	2.275
25	2	1024.860	1027.289	2.429
25	3	1032.996	1035.354	2.358
25	4	1032.652	1032.612	-0.040
25	5	1029.709	1030.698	0.989
20	6	1039.936	1039.456	-0.480
20	7	1039.336	1039.184	-0.152
20	8	1035.106	1034.219	-0.887
20	9	1023.483	1024.979	1.496
20	10	1045.687	1045.603	-0.084
35	11	1031.483	1032.203	0.720
35	12	1032.960	1035.738	2.778
35	13	1028.716	1032.354	3.638
35	14	1025.418	1028.073	2.655
35	15	1037.041	1039.438	2.397
30	16	1031.751	1033.650	1.899
30	17	1034.643	1033.507	-1.136
30	18	1035.429	1037.971	2.542
30	19	1026.326	1026.628	0.302
30	20	1032.287	1030.928	-1.359
55	21	1027.189	1025.638	-1.551
55	22	1030.544	1033.699	3.155
55	23	1041.525	1043.409	1.884
55	24	1034.574	1038.479	3.905
55	25	1036.186	1036.782	0.596
55	26	1020.840	1022.237	1.397
55	27	1030.550	1035.284	4.734
55	28	1026.976	1027.703	0.727
55	29	1033.210	1032.573	-0.637
55	30	1033.949	1034.163	0.214
55	31	1039.034	1037.254	-1.780
55	32	1038.216	1041.278	3.062
55	33	1049.578	1051.479	1.901
55	34	1039.393	1037.462	-1.931
55	35	1037.547	1036.980	-0.567
55	36	1030.810	1029.505	-1.305
55	37	1033.950	1033.357	-0.593
55	38	1037.443	1038.644	1.201
55	39	1037.606	1039.679	2.073
55	40	1035.598	1036.984	1.386
55	41	1032.215	1031.964	-0.251
55	42	1039.805	1041.918	2.113
50	43	1032.742	1031.920	-0.822
50	44	1027.461	1025.905	-1.556
50	45	1033.867	1033.157	-0.710
50	46	1041.139	1042.590	1.451
50	47	1018.901	1018.843	-0.058
	Max	1049.578	1051.705	4.734
	Average	1033.807	1034.734	0.927
	Min	1018.901	1018.843	-1.931
	Std Dev	6.304	6.626	1.734

9.64_FSW_EXT_RT_1MHz_12V	
Test Site	
Tester	
Test Number	
Max Limit	1100
Min Limit	900



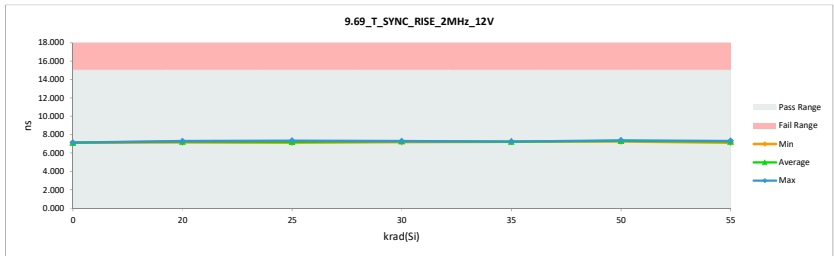
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

9.69_T_SYNC_RISE_2MHz_12V		
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	0



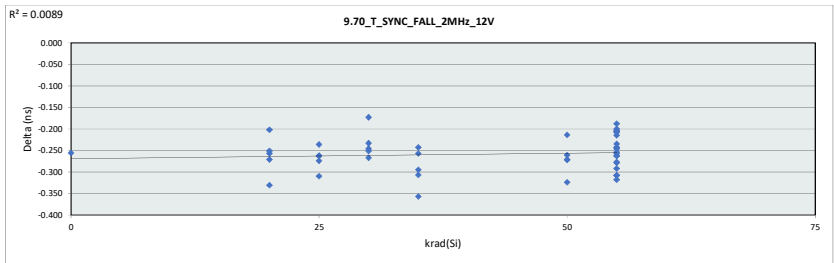
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.304	7.129	-0.175
25	1	7.446	7.295	-0.151
25	2	7.286	7.121	-0.165
25	3	7.306	7.150	-0.156
25	4	7.464	7.343	-0.121
25	5	7.321	7.211	-0.110
20	6	7.385	7.203	-0.182
20	7	7.364	7.296	-0.068
20	8	7.313	7.140	-0.173
20	9	7.353	7.277	-0.076
20	10	7.344	7.222	-0.122
35	11	7.338	7.210	-0.128
35	12	7.360	7.252	-0.108
35	13	7.348	7.216	-0.132
35	14	7.362	7.252	-0.110
35	15	7.376	7.209	-0.167
30	16	7.337	7.294	-0.043
30	17	7.381	7.292	-0.089
30	18	7.390	7.297	-0.093
30	19	7.409	7.301	-0.108
30	20	7.332	7.176	-0.156
55	21	7.254	7.119	-0.135
55	22	7.313	7.222	-0.091
55	23	7.300	7.155	-0.145
55	24	7.326	7.212	-0.114
55	25	7.375	7.222	-0.153
55	26	7.340	7.253	-0.087
55	27	7.352	7.232	-0.120
55	28	7.305	7.188	-0.117
55	29	7.337	7.300	-0.037
55	30	7.344	7.297	-0.047
55	31	7.315	7.300	-0.015
55	32	7.397	7.322	-0.075
55	33	7.322	7.226	-0.096
55	34	7.357	7.200	-0.157
55	35	7.241	7.191	-0.050
55	36	7.228	7.174	-0.054
55	37	7.277	7.190	-0.087
55	38	7.299	7.267	-0.032
55	39	7.367	7.306	-0.061
55	40	7.270	7.191	-0.079
55	41	7.373	7.280	-0.093
55	42	7.367	7.261	-0.106
50	43	7.298	7.242	-0.056
50	44	7.371	7.382	0.011
50	45	7.304	7.290	-0.014
50	46	7.380	7.298	-0.082
50	47	7.315	7.308	-0.007
	Max	7.464	7.382	0.011
	Average	7.338	7.240	-0.099
	Min	7.228	7.119	-0.182
	Std Dev	0.047	0.062	0.048

9.69_T_SYNC_RISE_2MHz_12V							
Test Site							
Tester							
Test Number							
Max Limit	15	ns					
Min Limit	0	ns					
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.129	7.140	7.121	7.176	7.209	7.242	7.119
Average	7.129	7.228	7.224	7.272	7.228	7.304	7.232
Max	7.129	7.296	7.343	7.301	7.252	7.382	7.322
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

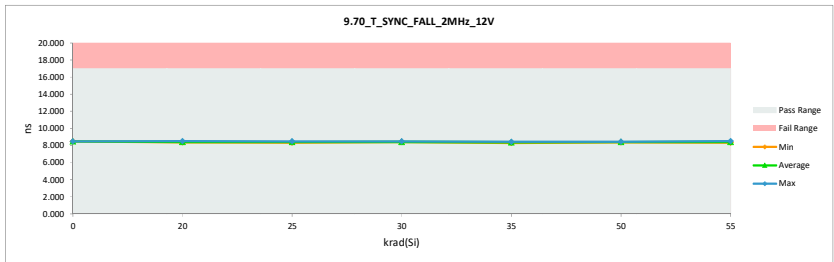
9.70_T_SYNC_FALL_2MHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.741	8.485	-0.256
25	1	8.656	8.394	-0.262
25	2	8.722	8.486	-0.236
25	3	8.720	8.457	-0.263
25	4	8.625	8.351	-0.274
25	5	8.668	8.358	-0.310
20	6	8.687	8.416	-0.271
20	7	8.672	8.415	-0.257
20	8	8.715	8.513	-0.202
20	9	8.680	8.429	-0.251
20	10	8.703	8.372	-0.331
35	11	8.674	8.417	-0.257
35	12	8.684	8.377	-0.307
35	13	8.673	8.316	-0.357
35	14	8.662	8.367	-0.295
35	15	8.675	8.432	-0.243
30	16	8.667	8.421	-0.246
30	17	8.655	8.482	-0.173
30	18	8.661	8.410	-0.251
30	19	8.642	8.409	-0.233
30	20	8.705	8.438	-0.267
55	21	8.737	8.429	-0.308
55	22	8.675	8.472	-0.203
55	23	8.719	8.519	-0.200
55	24	8.684	8.479	-0.205
55	25	8.667	8.479	-0.188
55	26	8.719	8.427	-0.292
55	27	8.681	8.427	-0.254
55	28	8.675	8.460	-0.215
55	29	8.698	8.380	-0.318
55	30	8.643	8.397	-0.246
55	31	8.681	8.419	-0.262
55	32	8.648	8.371	-0.277
55	33	8.670	8.462	-0.208
55	34	8.705	8.442	-0.263
55	35	8.707	8.450	-0.257
55	36	8.727	8.419	-0.308
55	37	8.685	8.450	-0.235
55	38	8.681	8.437	-0.244
55	39	8.617	8.410	-0.207
55	40	8.695	8.452	-0.243
55	41	8.654	8.375	-0.279
55	42	8.661	8.353	-0.308
50	43	8.697	8.425	-0.272
50	44	8.665	8.404	-0.261
50	45	8.709	8.438	-0.271
50	46	8.641	8.427	-0.214
50	47	8.699	8.375	-0.324
	Max	8.741	8.519	-0.173
	Average	8.682	8.423	-0.258
	Min	8.617	8.316	-0.357
	Std Dev	0.028	0.044	0.040

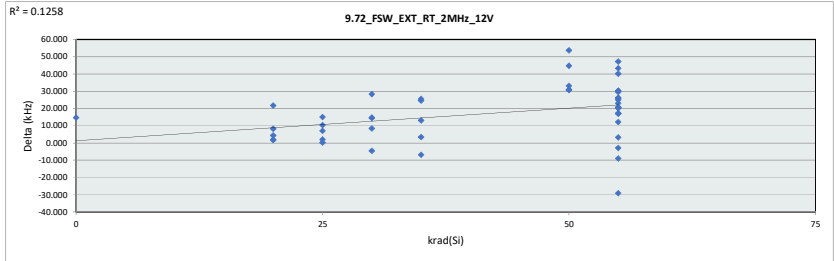
9.70_T_SYNC_FALL_2MHz_12V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.485	8.372	8.351	8.409	8.316	8.375	8.353
Average	8.485	8.429	8.409	8.432	8.382	8.414	8.432
Max	8.485	8.513	8.486	8.482	8.432	8.438	8.519
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

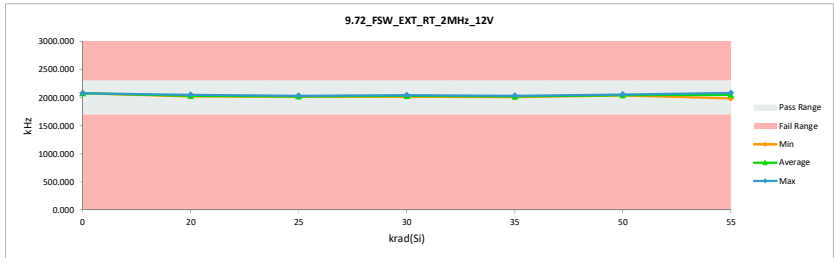
9.72_FSW_EXT_RT_2MHz_12V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	2300
Min Limit	1700



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	2064.451	2078.994	14.543
25	1	2022.003	2028.896	6.893
25	2	2017.684	2032.579	14.895
25	3	2024.836	2026.783	1.947
25	4	2014.465	2024.753	10.288
25	5	2013.343	2013.518	0.175
20	6	2034.100	2035.747	1.647
20	7	2028.318	2032.560	4.242
20	8	2025.053	2033.155	8.102
20	9	2000.008	2021.603	21.595
20	10	2047.844	2049.591	1.747
35	11	2006.893	2032.349	25.456
35	12	2017.613	2010.672	-6.941
35	13	1996.653	2009.568	12.915
35	14	1994.069	2018.516	24.447
35	15	2030.818	2034.184	3.366
30	16	2021.838	2030.099	8.261
30	17	2029.635	2043.945	14.310
30	18	2017.772	2032.383	14.611
30	19	2007.013	2035.219	28.206
30	20	2025.295	2020.607	-4.688
55	21	2012.392	2015.550	3.158
55	22	2007.380	2050.509	43.129
55	23	2049.382	2079.377	29.995
55	24	2037.049	2063.231	26.182
55	25	2038.808	2064.448	25.640
55	26	2016.934	1987.731	-29.203
55	27	2019.109	2066.127	47.018
55	28	2022.622	2052.078	29.456
55	29	2012.568	2032.747	20.179
55	30	2018.881	2058.906	40.025
55	31	2041.151	2064.058	22.907
55	32	2052.441	2043.403	-9.038
55	33	2062.832	2083.164	20.332
55	34	2050.735	2067.749	17.014
55	35	2041.976	2072.135	30.159
55	36	2014.474	2026.512	12.038
55	37	2019.620	2039.632	20.012
55	38	2022.876	2039.789	16.913
55	39	2031.185	2048.159	16.974
55	40	2019.439	2044.277	24.838
55	41	2016.051	2036.592	20.541
55	42	2036.926	2033.945	-2.981
50	43	2004.033	2048.581	44.548
50	44	2009.321	2042.306	32.985
50	45	2007.283	2037.828	30.545
50	46	2026.600	2057.345	30.745
50	47	1985.338	2038.912	53.574
	Max	2064.451	2083.164	53.574
	Average	2023.273	2040.434	17.160
	Min	1985.338	1987.731	-29.203
	Std Dev	17.042	19.885	16.010

9.72_FSW_EXT_RT_2MHz_12V	
Test Site	
Tester	
Test Number	
Max Limit	2300
Min Limit	1700

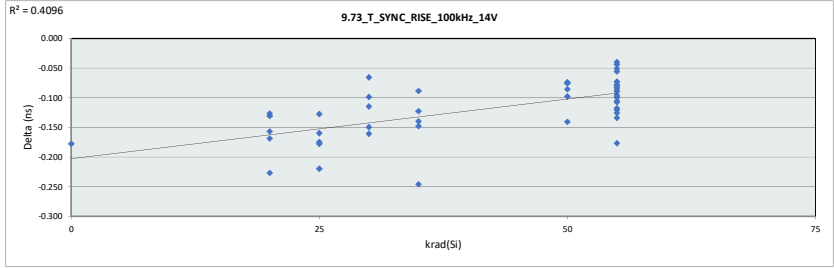
krad(Si)	0	20	25	30	35	50	55
LL	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000
Min	2078.994	2021.603	2013.518	2020.607	2009.568	2037.828	1987.731
Average	2078.994	2034.531	2025.306	2032.451	2021.058	2044.994	2048.642
Max	2078.994	2049.591	2032.579	2043.945	2034.184	2057.345	2083.164
UL	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

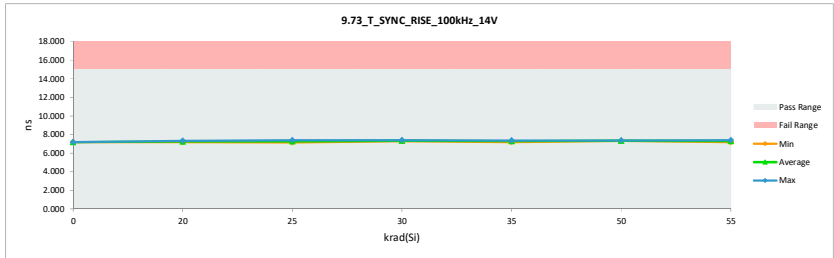
9.73_T_SYNC_RISE_100kHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.352	7.174	-0.178
25	1	7.509	7.331	-0.178
25	2	7.362	7.142	-0.220
25	3	7.403	7.243	-0.160
25	4	7.548	7.373	-0.175
25	5	7.411	7.283	-0.128
20	6	7.429	7.272	-0.157
20	7	7.452	7.321	-0.131
20	8	7.374	7.247	-0.127
20	9	7.452	7.283	-0.169
20	10	7.401	7.174	-0.227
35	11	7.428	7.280	-0.148
35	12	7.435	7.189	-0.246
35	13	7.436	7.313	-0.123
35	14	7.441	7.352	-0.089
35	15	7.442	7.302	-0.140
30	16	7.435	7.369	-0.066
30	17	7.470	7.320	-0.150
30	18	7.468	7.353	-0.115
30	19	7.503	7.342	-0.161
30	20	7.393	7.294	-0.099
55	21	7.322	7.201	-0.121
55	22	7.401	7.327	-0.074
55	23	7.352	7.175	-0.177
55	24	7.367	7.283	-0.084
55	25	7.435	7.329	-0.106
55	26	7.405	7.361	-0.044
55	27	7.423	7.344	-0.079
55	28	7.394	7.304	-0.090
55	29	7.407	7.351	-0.056
55	30	7.426	7.386	-0.040
55	31	7.388	7.337	-0.051
55	32	7.441	7.342	-0.099
55	33	7.418	7.284	-0.134
55	34	7.403	7.307	-0.096
55	35	7.312	7.239	-0.073
55	36	7.323	7.197	-0.126
55	37	7.348	7.248	-0.100
55	38	7.376	7.258	-0.118
55	39	7.432	7.344	-0.088
55	40	7.347	7.264	-0.083
55	41	7.458	7.379	-0.079
55	42	7.423	7.315	-0.108
50	43	7.394	7.318	-0.076
50	44	7.456	7.358	-0.098
50	45	7.391	7.305	-0.086
50	46	7.468	7.327	-0.141
50	47	7.403	7.329	-0.074
	Max	7.548	7.386	-0.040
	Average	7.414	7.295	-0.118
	Min	7.312	7.142	-0.246
	Std Dev	0.048	0.061	0.047



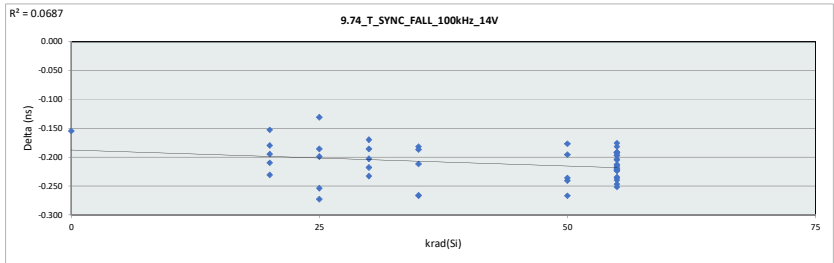
9.73_T_SYNC_RISE_100kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.174	7.174	7.142	7.294	7.189	7.305	7.175
Average	7.174	7.259	7.274	7.336	7.287	7.327	7.299
Max	7.174	7.321	7.373	7.369	7.352	7.358	7.386
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

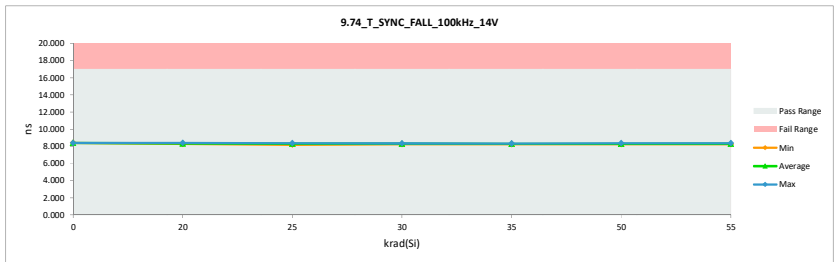
9.74_T_SYNC_FALL_100kHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	17
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.554	8.399	-0.155
25	1	8.490	8.359	-0.131
25	2	8.564	8.365	-0.199
25	3	8.545	8.359	-0.186
25	4	8.469	8.196	-0.273
25	5	8.517	8.263	-0.254
20	6	8.519	8.339	-0.180
20	7	8.509	8.278	-0.231
20	8	8.540	8.330	-0.210
20	9	8.527	8.332	-0.195
20	10	8.535	8.382	-0.153
35	11	8.522	8.255	-0.267
35	12	8.504	8.238	-0.266
35	13	8.506	8.294	-0.212
35	14	8.494	8.312	-0.182
35	15	8.516	8.329	-0.187
30	16	8.516	8.346	-0.170
30	17	8.514	8.296	-0.218
30	18	8.495	8.262	-0.233
30	19	8.483	8.297	-0.186
30	20	8.535	8.332	-0.203
55	21	8.570	8.347	-0.223
55	22	8.521	8.308	-0.213
55	23	8.565	8.313	-0.252
55	24	8.538	8.303	-0.235
55	25	8.516	8.324	-0.192
55	26	8.513	8.316	-0.197
55	27	8.523	8.300	-0.223
55	28	8.525	8.278	-0.247
55	29	8.513	8.293	-0.220
55	30	8.495	8.255	-0.240
55	31	8.510	8.289	-0.221
55	32	8.463	8.271	-0.192
55	33	8.528	8.304	-0.224
55	34	8.544	8.368	-0.176
55	35	8.549	8.332	-0.217
55	36	8.550	8.358	-0.192
55	37	8.516	8.311	-0.205
55	38	8.517	8.281	-0.236
55	39	8.479	8.275	-0.204
55	40	8.531	8.334	-0.197
55	41	8.502	8.288	-0.214
55	42	8.497	8.315	-0.182
50	43	8.539	8.272	-0.267
50	44	8.494	8.298	-0.196
50	45	8.544	8.367	-0.177
50	46	8.488	8.247	-0.241
50	47	8.536	8.300	-0.236
	Max	8.570	8.399	-0.131
	Average	8.519	8.309	-0.211
	Min	8.463	8.196	-0.273
	Std Dev	0.025	0.041	0.032

9.74_T_SYNC_FALL_100kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

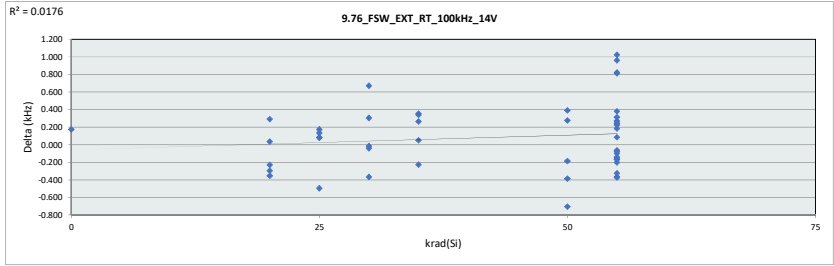
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.399	8.278	8.196	8.262	8.238	8.247	8.255
Average	8.399	8.332	8.308	8.307	8.286	8.297	8.307
Max	8.399	8.382	8.365	8.346	8.329	8.367	8.368
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

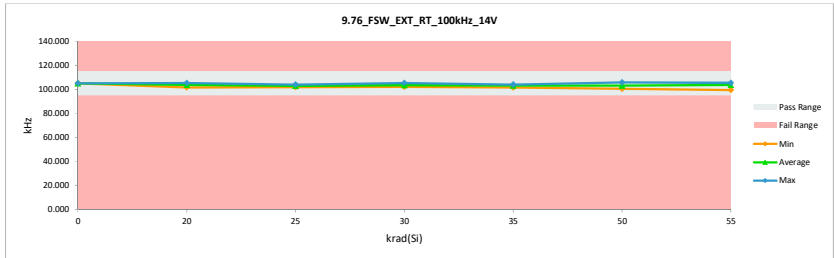
9.76_FSW_EXT_RT_100kHz_14V		
Test Site		
Tester		
Test Number		
Unit	kHz	kHz
Max Limit	115	115
Min Limit	95	95

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	104.937	105.111	0.174
25	1	103.129	103.208	0.079
25	2	101.828	102.000	0.172
25	3	103.924	104.056	0.132
25	4	103.961	103.464	-0.497
25	5	102.526	102.607	0.081
20	6	104.430	104.132	-0.298
20	7	104.359	104.129	-0.230
20	8	103.250	103.284	0.034
20	9	101.337	101.628	0.291
20	10	105.739	105.384	-0.355
35	11	104.125	103.896	-0.229
35	12	103.048	103.097	0.049
35	13	103.680	104.034	0.354
35	14	101.353	101.616	0.263
35	15	103.209	103.548	0.339
30	16	103.574	104.245	0.671
30	17	103.630	103.589	-0.041
30	18	105.085	105.389	0.304
30	19	102.201	102.184	-0.017
30	20	102.718	102.350	-0.368
55	21	101.596	101.433	-0.163
55	22	104.685	105.507	0.822
55	23	104.013	104.197	0.184
55	24	102.983	104.006	1.023
55	25	103.827	103.727	-0.100
55	26	99.856	99.530	-0.326
55	27	104.086	105.045	0.959
55	28	102.334	102.557	0.223
55	29	104.071	103.928	-0.143
55	30	103.667	103.464	-0.203
55	31	104.704	104.337	-0.367
55	32	102.735	103.547	0.812
55	33	105.354	105.438	0.084
55	34	103.833	103.459	-0.374
55	35	103.685	103.607	-0.078
55	36	103.410	103.654	0.244
55	37	103.732	104.000	0.268
55	38	103.850	104.087	0.237
55	39	104.350	104.729	0.379
55	40	104.454	104.389	-0.065
55	41	103.962	104.274	0.312
55	42	103.274	103.104	-0.170
50	43	104.063	103.676	-0.387
50	44	102.942	102.235	-0.707
50	45	103.703	103.516	-0.187
50	46	105.396	105.786	0.390
50	47	100.243	100.519	0.276
	Max	105.739	105.786	1.023
	Average	103.476	103.556	0.080
	Min	99.856	99.530	-0.707
	Std Dev	1.233	1.283	0.377



9.76_FSW_EXT_RT_100kHz_14V		
Test Site		
Tester		
Test Number		
Max Limit	115	kHz
Min Limit	95	kHz

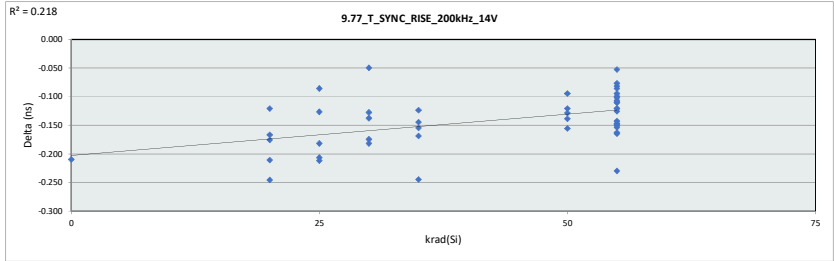
krad(Si)	0	20	25	30	35	50	55
LL	95.000	95.000	95.000	95.000	95.000	95.000	95.000
Min	105.111	101.628	102.000	102.184	101.616	100.519	99.530
Average	105.111	103.711	103.067	103.551	103.238	103.146	103.728
Max	105.111	105.384	104.056	105.389	104.034	105.786	105.507
UL	115.000	115.000	115.000	115.000	115.000	115.000	115.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

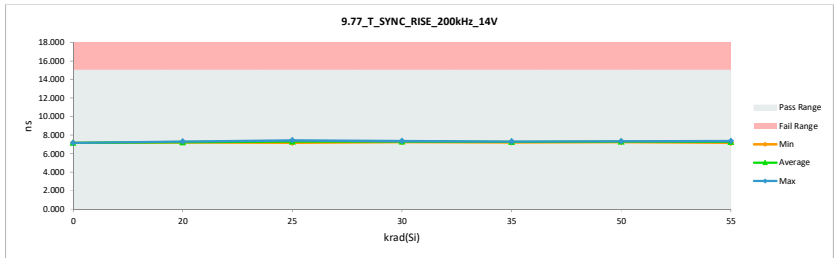
9.77_T_SYNC_RISE_200kHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	15
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.352	7.142	-0.210
25	1	7.505	7.323	-0.182
25	2	7.353	7.146	-0.207
25	3	7.378	7.166	-0.212
25	4	7.542	7.415	-0.127
25	5	7.409	7.323	-0.086
20	6	7.438	7.192	-0.246
20	7	7.452	7.285	-0.167
20	8	7.394	7.218	-0.176
20	9	7.448	7.237	-0.211
20	10	7.378	7.257	-0.121
35	11	7.445	7.200	-0.245
35	12	7.413	7.268	-0.145
35	13	7.423	7.268	-0.155
35	14	7.409	7.285	-0.124
35	15	7.455	7.286	-0.169
30	16	7.384	7.334	-0.050
30	17	7.498	7.323	-0.175
30	18	7.478	7.296	-0.182
30	19	7.476	7.338	-0.138
30	20	7.363	7.235	-0.128
55	21	7.334	7.186	-0.148
55	22	7.384	7.233	-0.151
55	23	7.331	7.183	-0.148
55	24	7.373	7.247	-0.126
55	25	7.412	7.310	-0.102
55	26	7.403	7.260	-0.143
55	27	7.434	7.204	-0.230
55	28	7.371	7.208	-0.163
55	29	7.411	7.290	-0.121
55	30	7.419	7.324	-0.095
55	31	7.371	7.318	-0.053
55	32	7.435	7.349	-0.086
55	33	7.361	7.251	-0.110
55	34	7.384	7.263	-0.121
55	35	7.326	7.244	-0.082
55	36	7.317	7.152	-0.165
55	37	7.358	7.211	-0.147
55	38	7.375	7.268	-0.107
55	39	7.434	7.323	-0.111
55	40	7.334	7.257	-0.077
55	41	7.447	7.347	-0.100
55	42	7.416	7.262	-0.154
50	43	7.380	7.241	-0.139
50	44	7.462	7.333	-0.129
50	45	7.372	7.277	-0.095
50	46	7.465	7.309	-0.156
50	47	7.391	7.270	-0.121
	Max	7.542	7.415	-0.050
	Average	7.406	7.264	-0.142
	Min	7.317	7.142	-0.246
	Std Dev	0.050	0.060	0.046



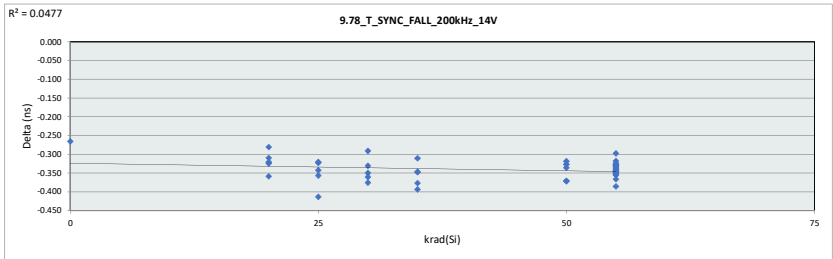
9.77_T_SYNC_RISE_200kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.142	7.192	7.146	7.235	7.200	7.241	7.152
Average	7.142	7.238	7.275	7.305	7.261	7.286	7.259
Max	7.142	7.285	7.415	7.338	7.286	7.333	7.349
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

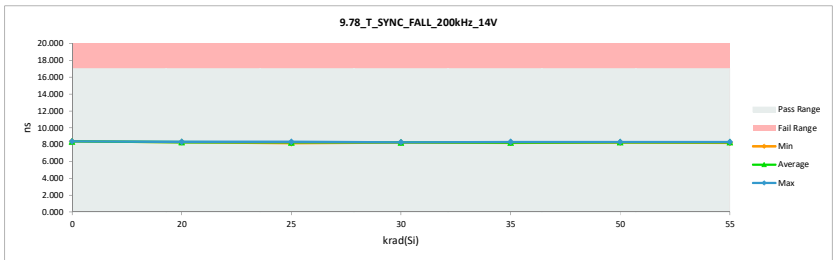
9.78_T_SYNC_FALL_200kHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns ns
Max Limit	14 17
Min Limit	0 0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.651	8.385	-0.266
25	1	8.578	8.257	-0.321
25	2	8.660	8.337	-0.323
25	3	8.657	8.300	-0.357
25	4	8.566	8.152	-0.414
25	5	8.599	8.256	-0.343
20	6	8.603	8.322	-0.281
20	7	8.607	8.282	-0.325
20	8	8.641	8.282	-0.359
20	9	8.616	8.295	-0.321
20	10	8.636	8.326	-0.310
35	11	8.624	8.276	-0.348
35	12	8.592	8.245	-0.347
35	13	8.613	8.219	-0.394
35	14	8.605	8.228	-0.377
35	15	8.622	8.311	-0.311
30	16	8.614	8.283	-0.331
30	17	8.614	8.264	-0.350
30	18	8.592	8.231	-0.361
30	19	8.572	8.281	-0.291
30	20	8.655	8.279	-0.376
55	21	8.668	8.301	-0.367
55	22	8.617	8.272	-0.345
55	23	8.658	8.302	-0.356
55	24	8.619	8.288	-0.331
55	25	8.597	8.244	-0.353
55	26	8.619	8.274	-0.345
55	27	8.638	8.288	-0.350
55	28	8.622	8.289	-0.333
55	29	8.640	8.254	-0.386
55	30	8.573	8.224	-0.349
55	31	8.598	8.268	-0.330
55	32	8.567	8.231	-0.336
55	33	8.614	8.275	-0.339
55	34	8.642	8.315	-0.327
55	35	8.648	8.303	-0.345
55	36	8.629	8.288	-0.341
55	37	8.608	8.290	-0.318
55	38	8.621	8.271	-0.350
55	39	8.558	8.234	-0.324
55	40	8.642	8.314	-0.328
55	41	8.602	8.248	-0.354
55	42	8.585	8.287	-0.298
50	43	8.650	8.279	-0.371
50	44	8.614	8.295	-0.319
50	45	8.649	8.277	-0.372
50	46	8.580	8.253	-0.327
50	47	8.645	8.309	-0.336
	Max	8.668	8.385	-0.266
	Average	8.617	8.277	-0.340
	Min	8.558	8.152	-0.414
	Std Dev	0.028	0.037	0.028

9.78_T_SYNC_FALL_200kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	17 ns
Min Limit	0 ns

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.385	8.282	8.152	8.231	8.219	8.253	8.224
Average	8.385	8.301	8.260	8.268	8.256	8.283	8.275
Max	8.385	8.326	8.337	8.283	8.311	8.309	8.315
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000

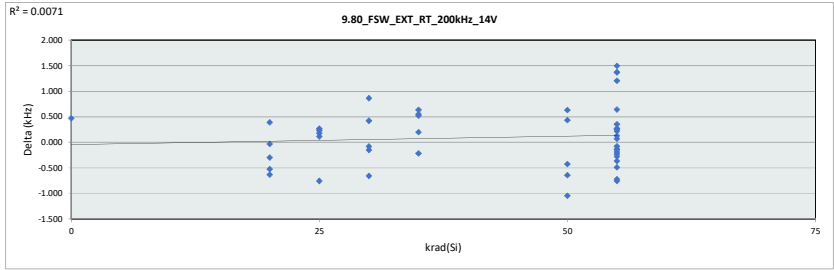


HDR TID Report TPS7H5008-SEP

krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

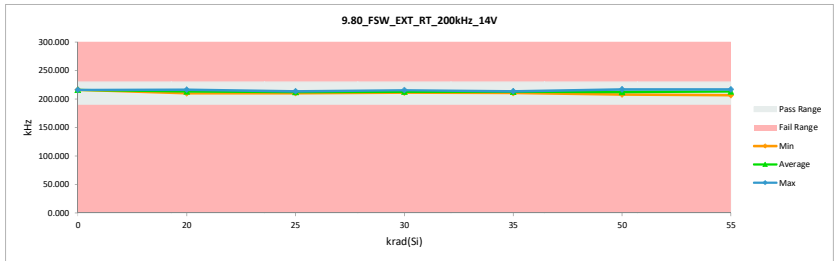
9.80_FSW_EXT_RT_200kHz_14V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	230
Min Limit	190

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	215.677	216.143	0.466
25	1	212.484	212.662	0.178
25	2	209.977	210.206	0.229
25	3	213.207	213.471	0.264
25	4	213.658	212.900	-0.758
25	5	211.624	211.735	0.111
20	6	214.699	214.170	-0.529
20	7	214.457	214.158	-0.299
20	8	212.540	212.505	-0.035
20	9	209.445	209.831	0.386
20	10	216.864	216.230	-0.634
35	11	213.703	213.485	-0.218
35	12	212.152	212.348	0.196
35	13	213.017	213.650	0.633
35	14	209.838	210.358	0.520
35	15	212.891	213.440	0.549
30	16	212.965	213.824	0.859
30	17	213.217	213.063	-0.154
30	18	215.147	215.566	0.419
30	19	210.915	210.832	-0.083
30	20	211.734	211.075	-0.659
55	21	209.876	209.508	-0.368
55	22	214.290	215.492	1.202
55	23	214.361	214.621	0.260
55	24	212.214	213.708	1.494
55	25	213.540	213.401	-0.139
55	26	207.186	206.695	-0.491
55	27	213.617	214.983	1.366
55	28	210.865	211.134	0.269
55	29	213.706	213.427	-0.279
55	30	213.404	213.170	-0.234
55	31	215.100	214.340	-0.760
55	32	212.063	213.429	1.366
55	33	216.691	216.818	0.127
55	34	213.747	213.024	-0.723
55	35	213.356	213.165	-0.191
55	36	212.817	212.884	0.067
55	37	213.208	213.423	0.215
55	38	213.759	214.016	0.257
55	39	214.294	214.933	0.639
55	40	214.437	214.356	-0.081
55	41	213.537	213.888	0.351
55	42	213.131	212.986	-0.145
50	43	213.866	213.219	-0.647
50	44	211.813	210.764	-1.049
50	45	213.564	213.136	-0.428
50	46	216.098	216.728	0.630
50	47	207.509	207.939	0.430
	Max	216.864	216.818	1.494
	Average	212.964	213.059	0.095
	Min	207.186	206.695	-1.049
	Std Dev	2.030	2.087	0.585



9.80_FSW_EXT_RT_200kHz_14V	
Test Site	
Tester	
Test Number	
Max Limit	230 kHz
Min Limit	190 kHz

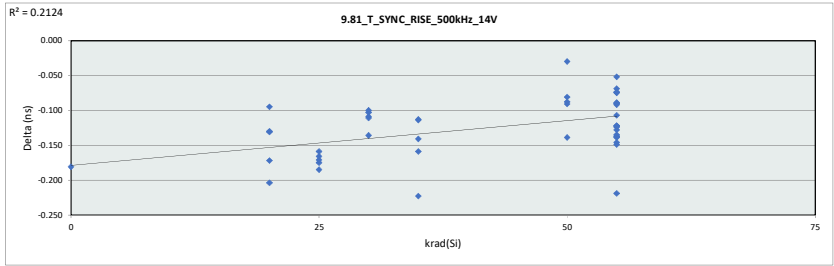
krad(Si)	0	20	25	30	35	50	55
LL	190.000	190.000	190.000	190.000	190.000	190.000	190.000
Min	216.143	209.831	210.206	210.832	210.358	207.939	206.695
Average	216.143	213.379	212.195	212.872	212.656	212.357	213.336
Max	216.143	216.230	213.471	215.566	213.650	216.728	216.818
UL	230.000	230.000	230.000	230.000	230.000	230.000	230.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

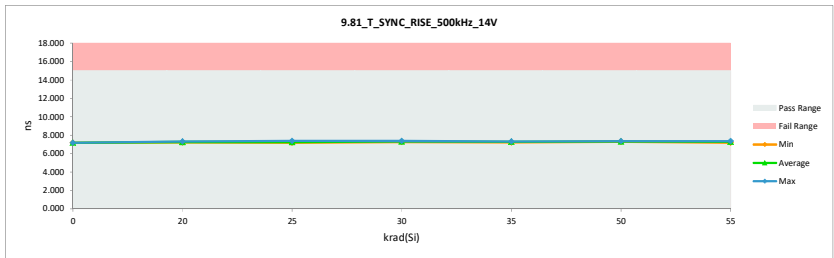
9.81_T_SYNC_RISE_500kHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.355	7.174	-0.181
25	1	7.502	7.336	-0.166
25	2	7.357	7.182	-0.175
25	3	7.393	7.208	-0.185
25	4	7.533	7.374	-0.159
25	5	7.401	7.230	-0.171
20	6	7.402	7.198	-0.204
20	7	7.437	7.306	-0.131
20	8	7.371	7.276	-0.095
20	9	7.429	7.257	-0.172
20	10	7.389	7.259	-0.130
35	11	7.410	7.297	-0.113
35	12	7.418	7.195	-0.223
35	13	7.417	7.258	-0.159
35	14	7.427	7.313	-0.114
35	15	7.430	7.289	-0.141
30	16	7.427	7.291	-0.136
30	17	7.455	7.355	-0.100
30	18	7.454	7.343	-0.111
30	19	7.481	7.372	-0.109
30	20	7.364	7.261	-0.103
55	21	7.325	7.190	-0.135
55	22	7.391	7.252	-0.139
55	23	7.335	7.212	-0.123
55	24	7.372	7.250	-0.122
55	25	7.415	7.196	-0.219
55	26	7.386	7.317	-0.069
55	27	7.416	7.292	-0.124
55	28	7.376	7.269	-0.107
55	29	7.408	7.334	-0.074
55	30	7.417	7.327	-0.090
55	31	7.393	7.319	-0.074
55	32	7.434	7.345	-0.089
55	33	7.362	7.270	-0.092
55	34	7.381	7.243	-0.138
55	35	7.323	7.271	-0.052
55	36	7.317	7.242	-0.075
55	37	7.346	7.256	-0.090
55	38	7.375	7.253	-0.122
55	39	7.422	7.294	-0.128
55	40	7.340	7.191	-0.149
55	41	7.430	7.284	-0.146
55	42	7.415	7.278	-0.137
50	43	7.367	7.337	-0.030
50	44	7.450	7.359	-0.091
50	45	7.377	7.296	-0.081
50	46	7.470	7.331	-0.139
50	47	7.384	7.296	-0.088
	Max	7.533	7.374	-0.030
	Average	7.402	7.277	-0.125
	Min	7.317	7.174	-0.223
	Std Dev	0.046	0.054	0.042



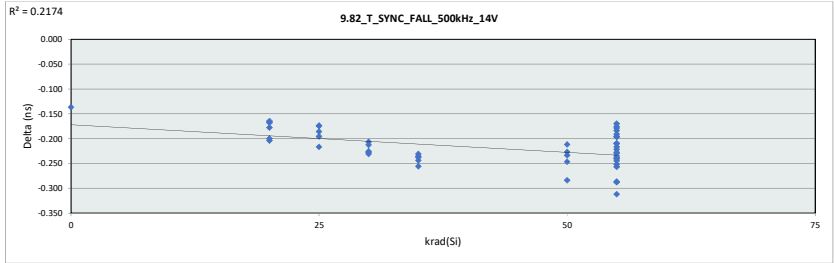
9.81_T_SYNC_RISE_500kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	15
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.174	7.198	7.182	7.261	7.195	7.296	7.190
Average	7.174	7.259	7.266	7.324	7.270	7.324	7.268
Max	7.174	7.306	7.374	7.372	7.313	7.359	7.345
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

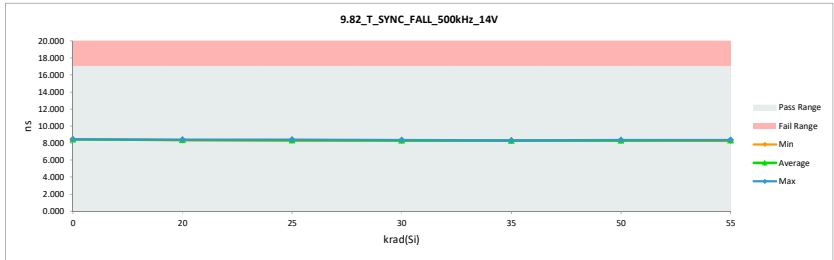
9.82_T_SYNC_FALL_500kHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.572	8.435	-0.137
25	1	8.499	8.313	-0.186
25	2	8.584	8.367	-0.217
25	3	8.571	8.397	-0.174
25	4	8.474	8.299	-0.175
25	5	8.530	8.334	-0.196
20	6	8.542	8.377	-0.165
20	7	8.523	8.319	-0.204
20	8	8.580	8.402	-0.178
20	9	8.527	8.359	-0.168
20	10	8.551	8.351	-0.200
35	11	8.531	8.287	-0.244
35	12	8.521	8.265	-0.256
35	13	8.526	8.288	-0.238
35	14	8.518	8.282	-0.236
35	15	8.534	8.303	-0.231
30	16	8.527	8.299	-0.228
30	17	8.531	8.324	-0.207
30	18	8.528	8.297	-0.231
30	19	8.504	8.278	-0.226
30	20	8.567	8.354	-0.213
55	21	8.576	8.346	-0.230
55	22	8.543	8.291	-0.252
55	23	8.572	8.362	-0.210
55	24	8.544	8.257	-0.287
55	25	8.548	8.236	-0.312
55	26	8.537	8.367	-0.170
55	27	8.537	8.249	-0.288
55	28	8.547	8.308	-0.239
55	29	8.538	8.303	-0.235
55	30	8.502	8.305	-0.197
55	31	8.515	8.339	-0.176
55	32	8.496	8.251	-0.245
55	33	8.558	8.348	-0.210
55	34	8.563	8.335	-0.228
55	35	8.573	8.316	-0.257
55	36	8.569	8.328	-0.241
55	37	8.523	8.301	-0.222
55	38	8.545	8.349	-0.196
55	39	8.487	8.270	-0.217
55	40	8.557	8.366	-0.191
55	41	8.517	8.333	-0.184
55	42	8.522	8.343	-0.179
50	43	8.563	8.279	-0.284
50	44	8.522	8.275	-0.247
50	45	8.555	8.321	-0.234
50	46	8.505	8.278	-0.227
50	47	8.558	8.346	-0.212
	Max	8.584	8.435	-0.137
	Average	8.538	8.319	-0.218
	Min	8.474	8.236	-0.312
	Std Dev	0.026	0.043	0.036

9.82_T_SYNC_FALL_500kHz_1	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

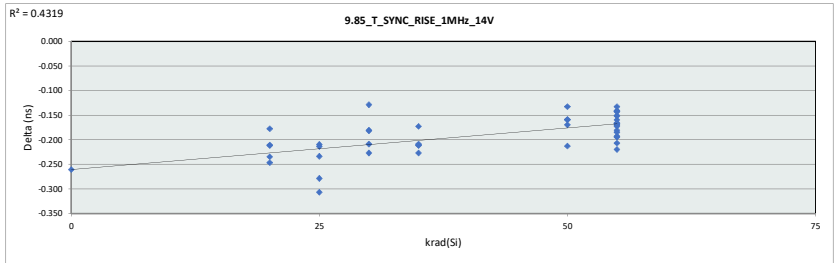
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.435	8.319	8.299	8.278	8.265	8.275	8.236
Average	8.435	8.362	8.342	8.310	8.285	8.300	8.314
Max	8.435	8.402	8.397	8.354	8.303	8.346	8.367
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

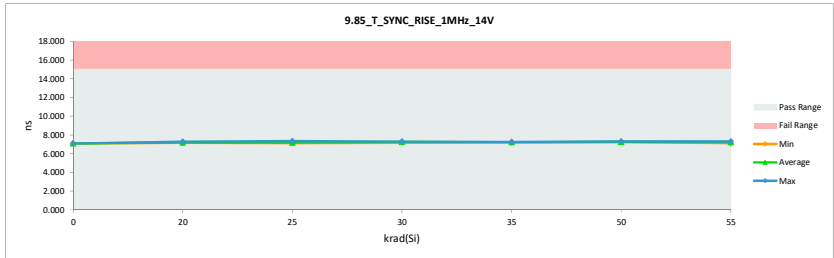
9.85_T_SYNC_RISE_1MHz_14V		
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.340	7.079	-0.261
25	1	7.502	7.195	-0.307
25	2	7.378	7.099	-0.279
25	3	7.384	7.150	-0.234
25	4	7.543	7.329	-0.214
25	5	7.383	7.173	-0.210
20	6	7.428	7.181	-0.247
20	7	7.443	7.265	-0.178
20	8	7.366	7.155	-0.211
20	9	7.450	7.215	-0.235
20	10	7.385	7.173	-0.212
35	11	7.400	7.189	-0.211
35	12	7.413	7.240	-0.173
35	13	7.418	7.191	-0.227
35	14	7.439	7.227	-0.212
35	15	7.446	7.237	-0.209
30	16	7.413	7.284	-0.129
30	17	7.451	7.269	-0.182
30	18	7.447	7.266	-0.181
30	19	7.480	7.271	-0.209
30	20	7.386	7.159	-0.227
55	21	7.344	7.176	-0.168
55	22	7.396	7.225	-0.171
55	23	7.325	7.157	-0.168
55	24	7.367	7.173	-0.194
55	25	7.423	7.242	-0.181
55	26	7.398	7.255	-0.143
55	27	7.419	7.268	-0.151
55	28	7.375	7.232	-0.143
55	29	7.407	7.241	-0.166
55	30	7.438	7.296	-0.142
55	31	7.381	7.229	-0.152
55	32	7.437	7.267	-0.170
55	33	7.355	7.148	-0.207
55	34	7.384	7.211	-0.173
55	35	7.315	7.122	-0.193
55	36	7.306	7.111	-0.195
55	37	7.332	7.199	-0.133
55	38	7.367	7.200	-0.167
55	39	7.416	7.231	-0.185
55	40	7.345	7.185	-0.160
55	41	7.451	7.231	-0.220
55	42	7.416	7.275	-0.141
50	43	7.372	7.213	-0.159
50	44	7.441	7.228	-0.213
50	45	7.385	7.252	-0.133
50	46	7.466	7.296	-0.170
50	47	7.394	7.234	-0.160
	Max	7.543	7.329	-0.129
	Average	7.403	7.213	-0.190
	Min	7.306	7.079	-0.307
	Std Dev	0.048	0.054	0.039



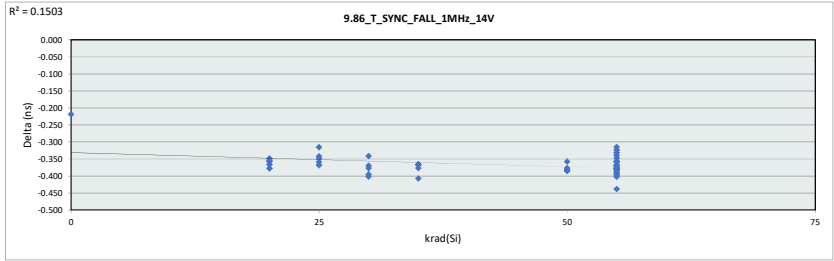
9.85_T_SYNC_RISE_1MHz_14V		
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit	0	ns

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.079	7.155	7.099	7.159	7.189	7.213	7.111
Average	7.079	7.198	7.189	7.250	7.217	7.245	7.212
Max	7.079	7.265	7.329	7.284	7.240	7.296	7.296
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

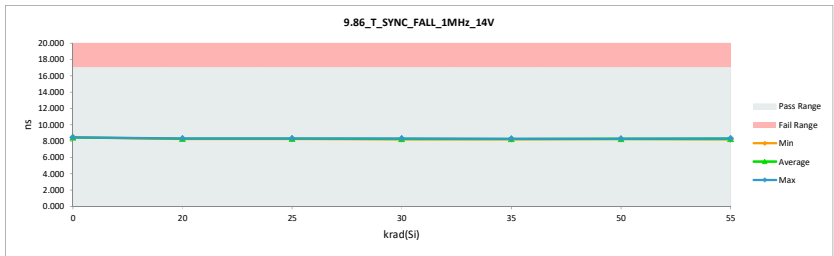
9.86_T_SYNC_FALL_1MHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	14
Min Limit	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.660	8.441	-0.219
25	1	8.605	8.289	-0.316
25	2	8.686	8.326	-0.360
25	3	8.676	8.327	-0.349
25	4	8.583	8.240	-0.343
25	5	8.620	8.251	-0.369
20	6	8.617	8.239	-0.378
20	7	8.636	8.278	-0.358
20	8	8.681	8.325	-0.356
20	9	8.647	8.280	-0.367
20	10	8.656	8.307	-0.349
35	11	8.638	8.261	-0.377
35	12	8.625	8.217	-0.408
35	13	8.639	8.271	-0.368
35	14	8.642	8.275	-0.367
35	15	8.649	8.283	-0.366
30	16	8.640	8.244	-0.396
30	17	8.640	8.270	-0.370
30	18	8.625	8.248	-0.377
30	19	8.628	8.226	-0.402
30	20	8.663	8.321	-0.342
55	21	8.689	8.309	-0.380
55	22	8.639	8.262	-0.377
55	23	8.653	8.338	-0.315
55	24	8.651	8.311	-0.340
55	25	8.637	8.279	-0.358
55	26	8.644	8.296	-0.348
55	27	8.639	8.242	-0.397
55	28	8.649	8.289	-0.360
55	29	8.651	8.248	-0.403
55	30	8.622	8.233	-0.389
55	31	8.640	8.248	-0.392
55	32	8.595	8.238	-0.357
55	33	8.632	8.308	-0.324
55	34	8.673	8.234	-0.439
55	35	8.672	8.303	-0.369
55	36	8.666	8.288	-0.378
55	37	8.641	8.262	-0.379
55	38	8.641	8.309	-0.332
55	39	8.587	8.209	-0.378
55	40	8.660	8.291	-0.369
55	41	8.621	8.247	-0.374
55	42	8.625	8.241	-0.384
50	43	8.677	8.293	-0.384
50	44	8.635	8.249	-0.386
50	45	8.665	8.288	-0.377
50	46	8.599	8.241	-0.358
50	47	8.669	8.288	-0.381
	Max	8.689	8.441	-0.219
	Average	8.642	8.276	-0.366
	Min	8.583	8.209	-0.439
	Std Dev	0.025	0.040	0.032

9.86_T_SYNC_FALL_1MHz_14V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

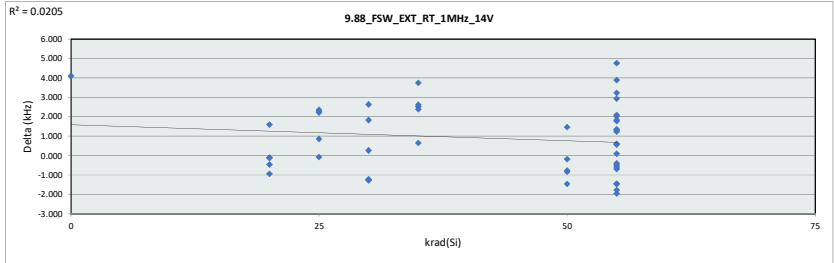
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.441	8.239	8.240	8.226	8.217	8.241	8.209
Average	8.441	8.286	8.287	8.262	8.261	8.272	8.272
Max	8.441	8.325	8.327	8.321	8.283	8.293	8.338
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

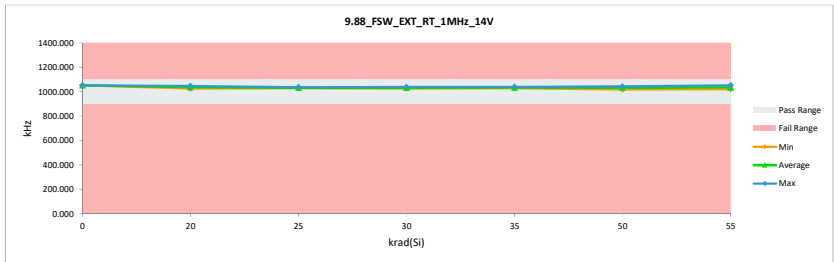
9.88_FSW_EXT_RT_1MHz_14V	
Test Site	
Tester	
Test Number	
Unit	kHz kHz
Max Limit	1100 1100
Min Limit	900 900

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1047.515	1051.615	4.100
25	1	1034.496	1036.776	2.280
25	2	1024.892	1027.107	2.215
25	3	1032.956	1035.312	2.356
25	4	1032.591	1032.513	-0.078
25	5	1029.686	1030.542	0.856
20	6	1039.933	1039.469	-0.464
20	7	1039.214	1039.084	-0.130
20	8	1035.038	1034.098	-0.940
20	9	1023.454	1025.051	1.597
20	10	1045.547	1045.447	-0.100
35	11	1031.469	1032.112	0.643
35	12	1033.001	1035.611	2.610
35	13	1028.643	1032.389	3.746
35	14	1025.432	1027.949	2.517
35	15	1037.027	1039.409	2.382
30	16	1031.692	1033.523	1.831
30	17	1034.626	1033.400	-1.226
30	18	1035.335	1037.971	2.636
30	19	1026.196	1026.459	0.263
30	20	1032.170	1030.891	-1.279
55	21	1027.065	1025.598	-1.467
55	22	1030.352	1033.581	3.229
55	23	1041.438	1043.267	1.829
55	24	1034.540	1038.432	3.892
55	25	1036.095	1036.652	0.557
55	26	1020.814	1022.164	1.350
55	27	1030.564	1035.325	4.761
55	28	1026.948	1027.548	0.600
55	29	1033.156	1032.562	-0.594
55	30	1033.902	1034.000	0.098
55	31	1038.995	1037.222	-1.773
55	32	1038.228	1041.156	2.928
55	33	1049.546	1051.325	1.779
55	34	1039.361	1037.400	-1.961
55	35	1037.475	1036.980	-0.495
55	36	1030.855	1029.396	-1.459
55	37	1033.973	1033.277	-0.696
55	38	1037.399	1038.628	1.229
55	39	1037.521	1039.612	2.091
55	40	1035.538	1036.853	1.315
55	41	1032.130	1031.733	-0.397
55	42	1039.781	1041.797	2.016
50	43	1032.704	1031.929	-0.775
50	44	1027.390	1025.929	-1.461
50	45	1033.811	1032.974	-0.837
50	46	1041.021	1042.477	1.456
50	47	1018.895	1018.704	-0.191
	Max	1049.546	1051.615	4.761
	Average	1033.759	1034.651	0.892
	Min	1018.895	1018.704	-1.961
	Std Dev	6.294	6.623	1.732



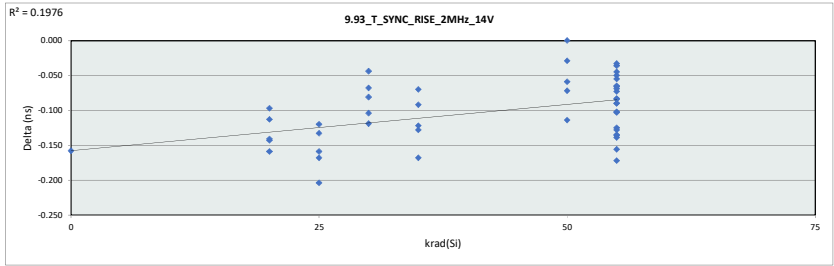
9.88_FSW_EXT_RT_1MHz_14V	
Test Site	
Tester	
Test Number	
Max Limit	1100 kHz
Min Limit	900 kHz

krad(Si)	0	20	25	30	35	50	55
LL	900.000	900.000	900.000	900.000	900.000	900.000	900.000
Min	1051.615	1025.051	1027.107	1026.459	1027.949	1018.704	1022.164
Average	1051.615	1036.630	1032.450	1032.449	1033.494	1030.403	1035.659
Max	1051.615	1045.447	1036.776	1037.971	1039.409	1042.477	1051.325
UL	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000	1100.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

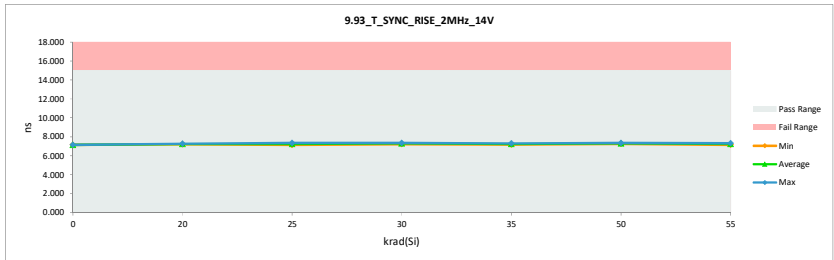
9.93_T_SYNC_RISE_2MHz_14V		
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	15
Min Limit	0	0



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.301	7.143	-0.158
25	1	7.453	7.249	-0.204
25	2	7.296	7.137	-0.159
25	3	7.321	7.153	-0.168
25	4	7.475	7.342	-0.133
25	5	7.320	7.200	-0.120
20	6	7.370	7.211	-0.159
20	7	7.399	7.256	-0.143
20	8	7.302	7.189	-0.113
20	9	7.358	7.261	-0.097
20	10	7.340	7.199	-0.141
35	11	7.328	7.160	-0.168
35	12	7.363	7.241	-0.122
35	13	7.346	7.254	-0.092
35	14	7.360	7.290	-0.070
35	15	7.381	7.253	-0.128
30	16	7.364	7.320	-0.044
30	17	7.398	7.330	-0.068
30	18	7.390	7.271	-0.119
30	19	7.417	7.336	-0.081
30	20	7.313	7.209	-0.104
55	21	7.279	7.144	-0.135
55	22	7.319	7.274	-0.045
55	23	7.318	7.162	-0.156
55	24	7.319	7.217	-0.102
55	25	7.396	7.312	-0.084
55	26	7.358	7.293	-0.065
55	27	7.349	7.313	-0.036
55	28	7.300	7.197	-0.103
55	29	7.341	7.275	-0.066
55	30	7.355	7.286	-0.069
55	31	7.318	7.285	-0.033
55	32	7.403	7.275	-0.128
55	33	7.325	7.200	-0.125
55	34	7.352	7.216	-0.136
55	35	7.260	7.187	-0.073
55	36	7.240	7.190	-0.050
55	37	7.278	7.195	-0.083
55	38	7.306	7.251	-0.055
55	39	7.387	7.215	-0.172
55	40	7.278	7.188	-0.090
55	41	7.375	7.285	-0.090
55	42	7.401	7.262	-0.139
50	43	7.309	7.250	-0.059
50	44	7.367	7.338	-0.029
50	45	7.304	7.304	0.000
50	46	7.422	7.308	-0.114
50	47	7.325	7.253	-0.072
	Max	7.475	7.342	0.000
	Average	7.345	7.243	-0.102
	Min	7.240	7.137	-0.204
	Std Dev	0.049	0.057	0.045

9.93_T_SYNC_RISE_2MHz_14V		
Test Site		
Tester		
Test Number		
Max Limit	15	ns
Min Limit	0	ns

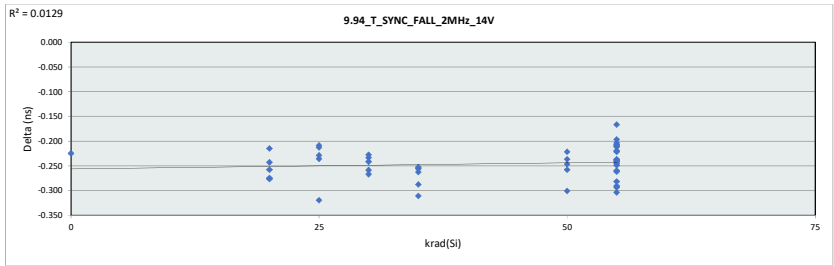
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.143	7.189	7.137	7.209	7.160	7.250	7.144
Average	7.143	7.223	7.216	7.293	7.240	7.291	7.237
Max	7.143	7.261	7.342	7.336	7.290	7.338	7.313
UL	15.000	15.000	15.000	15.000	15.000	15.000	15.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

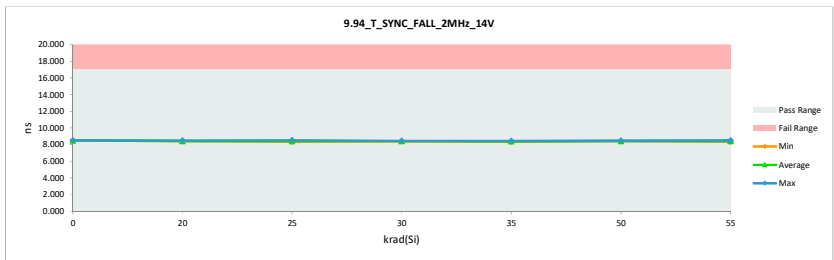
9.94_T_SYNC_FALL_2MHz_14V		
Test Site		
Tester		
Test Number		
Unit	ns	ns
Max Limit	14	17
Min Limit	0	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.726	8.501	-0.225
25	1	8.651	8.422	-0.229
25	2	8.734	8.521	-0.213
25	3	8.705	8.469	-0.236
25	4	8.617	8.408	-0.209
25	5	8.660	8.340	-0.320
20	6	8.679	8.404	-0.275
20	7	8.669	8.392	-0.277
20	8	8.705	8.490	-0.215
20	9	8.677	8.419	-0.258
20	10	8.698	8.455	-0.243
35	11	8.681	8.425	-0.256
35	12	8.659	8.371	-0.288
35	13	8.662	8.351	-0.311
35	14	8.665	8.402	-0.263
35	15	8.691	8.438	-0.253
30	16	8.654	8.420	-0.234
30	17	8.662	8.420	-0.242
30	18	8.667	8.439	-0.228
30	19	8.635	8.376	-0.259
30	20	8.715	8.448	-0.267
55	21	8.732	8.441	-0.291
55	22	8.678	8.433	-0.245
55	23	8.717	8.479	-0.238
55	24	8.701	8.493	-0.208
55	25	8.666	8.462	-0.204
55	26	8.718	8.458	-0.260
55	27	8.687	8.425	-0.262
55	28	8.674	8.433	-0.241
55	29	8.682	8.440	-0.242
55	30	8.634	8.467	-0.167
55	31	8.661	8.422	-0.239
55	32	8.641	8.347	-0.294
55	33	8.668	8.448	-0.220
55	34	8.691	8.454	-0.237
55	35	8.718	8.469	-0.249
55	36	8.706	8.402	-0.304
55	37	8.673	8.465	-0.208
55	38	8.667	8.470	-0.197
55	39	8.600	8.378	-0.222
55	40	8.706	8.496	-0.210
55	41	8.661	8.379	-0.282
55	42	8.645	8.433	-0.212
50	43	8.701	8.454	-0.247
50	44	8.654	8.396	-0.258
50	45	8.693	8.471	-0.222
50	46	8.648	8.411	-0.237
50	47	8.723	8.422	-0.301
	Max	8.734	8.521	-0.167
	Average	8.678	8.432	-0.246
	Min	8.600	8.340	-0.320
	Std Dev	0.030	0.041	0.033



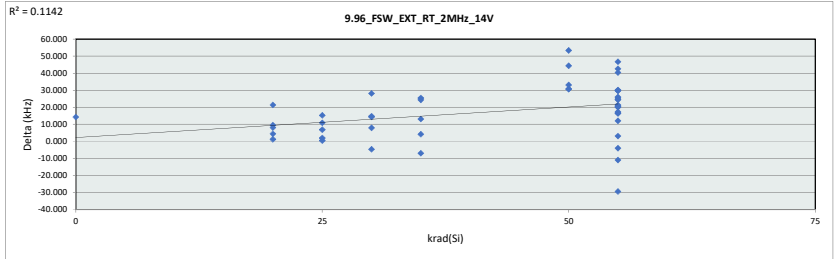
9.94_T_SYNC_FALL_2MHz_14V		
Test Site		
Tester		
Test Number		
Max Limit	17	ns
Min Limit	0	ns

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.501	8.392	8.340	8.376	8.351	8.396	8.347
Average	8.501	8.432	8.432	8.421	8.397	8.431	8.441
Max	8.501	8.490	8.521	8.448	8.438	8.471	8.496
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

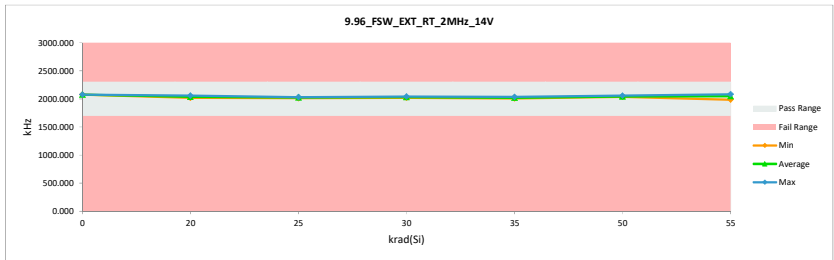
9.96_FSW_EXT_RT_2MHz_14V	
Test Site	
Tester	
Test Number	
Unit	kHz
Max Limit	2300
Min Limit	1700



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	2064.122	2078.328	14.206
25	1	2021.832	2028.591	6.759
25	2	2017.172	2032.379	15.207
25	3	2024.697	2026.608	1.911
25	4	2014.045	2024.810	10.765
25	5	2012.912	2013.286	0.374
20	6	2033.851	2035.006	1.155
20	7	2027.973	2032.312	4.339
20	8	2025.044	2033.040	7.996
20	9	2000.031	2021.308	21.277
20	10	2047.675	2057.144	9.469
35	11	2006.848	2032.174	25.326
35	12	2017.477	2010.397	-7.080
35	13	1996.466	2009.495	13.029
35	14	1993.982	2018.260	24.278
35	15	2030.220	2034.338	4.118
30	16	2022.052	2029.841	7.789
30	17	2029.468	2043.707	14.239
30	18	2017.534	2032.257	14.723
30	19	2006.893	2034.936	28.043
30	20	2024.993	2020.274	-4.719
55	21	2012.076	2015.074	2.998
55	22	2007.524	2050.042	42.518
55	23	2049.124	2078.801	29.677
55	24	2036.771	2062.800	26.029
55	25	2038.671	2064.084	25.413
55	26	2016.776	1987.251	-29.525
55	27	2019.304	2065.978	46.674
55	28	2022.549	2052.157	29.608
55	29	2012.395	2032.360	19.965
55	30	2018.722	2059.013	40.291
55	31	2040.922	2065.464	24.542
55	32	2052.336	2041.292	-11.044
55	33	2062.536	2083.073	20.537
55	34	2050.616	2066.969	16.353
55	35	2041.779	2071.801	30.022
55	36	2014.103	2026.073	11.970
55	37	2019.475	2039.708	20.233
55	38	2022.440	2039.018	16.578
55	39	2030.836	2048.070	17.234
55	40	2019.371	2043.717	24.346
55	41	2015.504	2036.678	21.174
55	42	2036.629	2032.544	-4.085
50	43	2004.043	2048.261	44.218
50	44	2009.139	2042.164	33.025
50	45	2007.147	2037.692	30.545
50	46	2026.432	2057.119	30.687
50	47	1985.140	2038.415	53.275
	Max	2064.122	2083.073	53.275
	Average	2023.076	2040.294	17.218
	Min	1985.140	1987.251	-29.525
	Std Dev	17.008	20.015	15.963

9.96_FSW_EXT_RT_2MHz_14V	
Test Site	
Tester	
Test Number	
Max Limit	2300
Min Limit	1700

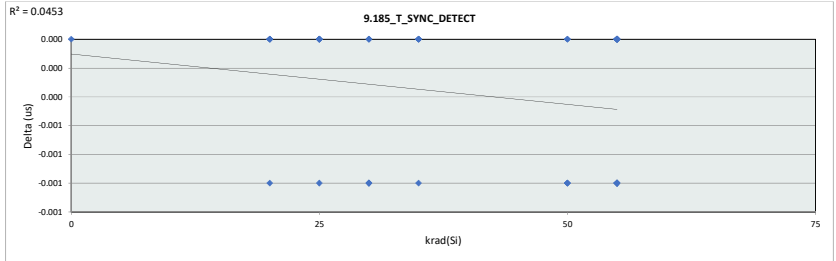
krad(Si)	0	20	25	30	35	50	55
LL	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000	1700.000
Min	2078.328	2021.308	2013.286	2020.274	2009.495	2037.692	1987.251
Average	2078.328	2035.762	2025.135	2032.203	2020.933	2044.730	2048.271
Max	2078.328	2057.144	2032.379	2043.707	2034.338	2057.119	2083.073
UL	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000	2300.000



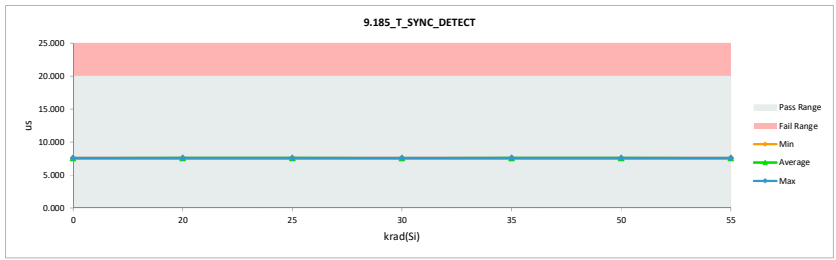
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

9.185_T_SYNC_DETECT		
Test Site		
Tester		
Test Number		
Unit	us	us
Max Limit	12	20
Min Limit	4	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.584	7.584	0.000
25	1	7.585	7.585	0.000
25	2	7.584	7.584	0.000
25	3	7.584	7.584	0.000
25	4	7.585	7.584	-0.001
25	5	7.584	7.584	0.000
20	6	7.584	7.584	0.000
20	7	7.584	7.584	0.000
20	8	7.585	7.584	-0.001
20	9	7.585	7.585	0.000
20	10	7.584	7.584	0.000
35	11	7.585	7.585	0.000
35	12	7.585	7.584	-0.001
35	13	7.584	7.584	0.000
35	14	7.584	7.584	0.000
35	15	7.584	7.584	0.000
30	16	7.584	7.584	0.000
30	17	7.585	7.584	-0.001
30	18	7.585	7.584	-0.001
30	19	7.585	7.584	-0.001
30	20	7.584	7.584	0.000
55	21	7.584	7.584	0.000
55	22	7.585	7.584	-0.001
55	23	7.584	7.583	-0.001
55	24	7.584	7.584	0.000
55	25	7.585	7.584	-0.001
55	26	7.585	7.584	-0.001
55	27	7.584	7.584	0.000
55	28	7.585	7.584	-0.001
55	29	7.585	7.584	-0.001
55	30	7.584	7.584	0.000
55	31	7.584	7.583	-0.001
55	32	7.583	7.583	0.000
55	33	7.584	7.584	0.000
55	34	7.584	7.584	0.000
55	35	7.584	7.583	-0.001
55	36	7.584	7.584	0.000
55	37	7.584	7.584	0.000
55	38	7.585	7.585	0.000
55	39	7.584	7.584	0.000
55	40	7.584	7.583	-0.001
55	41	7.584	7.584	0.000
55	42	7.584	7.583	-0.001
50	43	7.584	7.583	-0.001
50	44	7.584	7.584	0.000
50	45	7.584	7.583	-0.001
50	46	7.585	7.584	-0.001
50	47	7.584	7.584	0.000
	Max	7.585	7.585	0.000
	Average	7.584	7.584	0.000
	Min	7.583	7.583	-0.001
	Std Dev	0.001	0.000	0.000



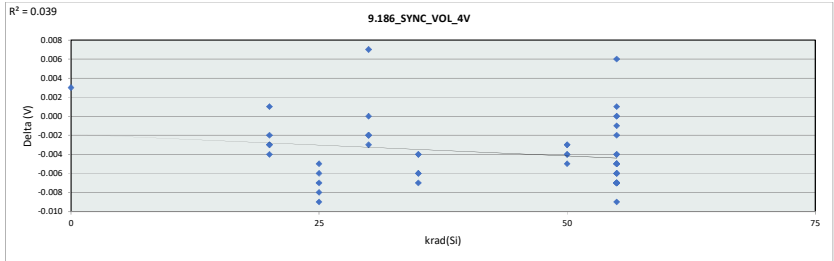
9.185_T_SYNC_DETECT							
Test Site							
Tester							
Test Number							
Max Limit	20	us					
Min Limit	0	us					
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.584	7.584	7.584	7.584	7.584	7.583	7.583
Average	7.584	7.584	7.584	7.584	7.584	7.584	7.584
Max	7.584	7.585	7.585	7.584	7.585	7.584	7.585
UL	20.000	20.000	20.000	20.000	20.000	20.000	20.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

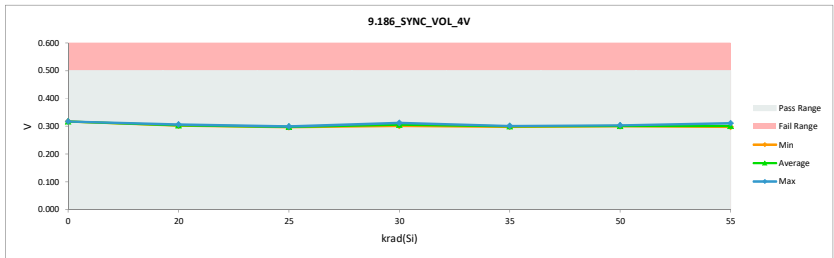
9.186_SYNC_VOL_4V	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	0.5 0.5
Min Limit	0 0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.314	0.317	0.003
25	1	0.305	0.296	-0.009
25	2	0.305	0.298	-0.007
25	3	0.304	0.299	-0.005
25	4	0.304	0.298	-0.006
25	5	0.306	0.298	-0.008
20	6	0.306	0.303	-0.003
20	7	0.305	0.303	-0.002
20	8	0.305	0.302	-0.003
20	9	0.306	0.302	-0.004
20	10	0.305	0.306	0.001
35	11	0.306	0.299	-0.007
35	12	0.304	0.300	-0.004
35	13	0.304	0.298	-0.006
35	14	0.305	0.301	-0.004
35	15	0.305	0.299	-0.006
30	16	0.305	0.312	0.007
30	17	0.306	0.304	-0.002
30	18	0.305	0.303	-0.002
30	19	0.306	0.306	0.000
30	20	0.304	0.301	-0.003
55	21	0.306	0.297	-0.009
55	22	0.304	0.300	-0.004
55	23	0.306	0.299	-0.007
55	24	0.305	0.304	-0.001
55	25	0.306	0.299	-0.007
55	26	0.305	0.311	0.006
55	27	0.305	0.300	-0.005
55	28	0.305	0.298	-0.007
55	29	0.305	0.300	-0.005
55	30	0.305	0.306	0.001
55	31	0.307	0.307	0.000
55	32	0.307	0.300	-0.007
55	33	0.305	0.301	-0.004
55	34	0.309	0.302	-0.007
55	35	0.309	0.304	-0.005
55	36	0.305	0.299	-0.006
55	37	0.305	0.305	0.000
55	38	0.304	0.299	-0.005
55	39	0.305	0.299	-0.006
55	40	0.305	0.299	-0.006
55	41	0.305	0.298	-0.007
55	42	0.304	0.302	-0.002
50	43	0.305	0.300	-0.005
50	44	0.304	0.300	-0.004
50	45	0.304	0.300	-0.004
50	46	0.306	0.303	-0.003
50	47	0.305	0.302	-0.003
Max		0.314	0.317	0.007
Average		0.305	0.302	-0.004
Min		0.304	0.296	-0.009
Std Dev		0.002	0.004	0.003



9.186_SYNC_VOL_4V	
Test Site	
Tester	
Test Number	
Max Limit	0.5 V
Min Limit	0 V

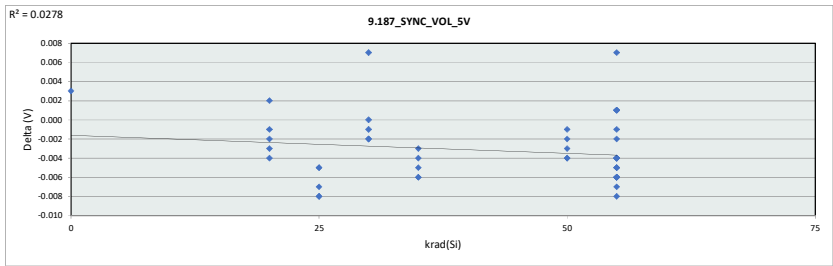
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.317	0.302	0.296	0.301	0.298	0.300	0.297
Average	0.317	0.303	0.298	0.305	0.299	0.301	0.301
Max	0.317	0.306	0.299	0.312	0.301	0.303	0.311
UL	0.500	0.500	0.500	0.500	0.500	0.500	0.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

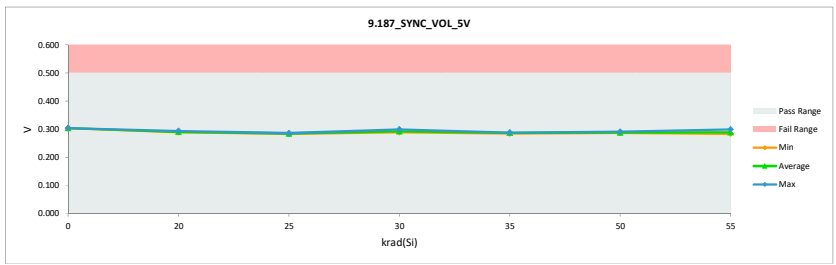
9.187_SYNC_VOL_5V	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	0.5 0.5
Min Limit	0 0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.301	0.304	0.003
25	1	0.291	0.283	-0.008
25	2	0.292	0.285	-0.007
25	3	0.291	0.286	-0.005
25	4	0.291	0.286	-0.005
25	5	0.293	0.285	-0.008
20	6	0.293	0.290	-0.003
20	7	0.292	0.291	-0.001
20	8	0.291	0.289	-0.002
20	9	0.293	0.289	-0.004
20	10	0.292	0.294	0.002
35	11	0.292	0.286	-0.006
35	12	0.291	0.288	-0.003
35	13	0.291	0.285	-0.006
35	14	0.292	0.288	-0.004
35	15	0.292	0.287	-0.005
30	16	0.292	0.299	0.007
30	17	0.292	0.291	-0.001
30	18	0.292	0.290	-0.002
30	19	0.293	0.293	0.000
30	20	0.291	0.289	-0.002
55	21	0.292	0.284	-0.008
55	22	0.291	0.287	-0.004
55	23	0.293	0.287	-0.006
55	24	0.292	0.291	-0.001
55	25	0.293	0.287	-0.006
55	26	0.292	0.299	0.007
55	27	0.292	0.287	-0.005
55	28	0.292	0.286	-0.006
55	29	0.292	0.288	-0.004
55	30	0.292	0.293	0.001
55	31	0.294	0.295	0.001
55	32	0.294	0.288	-0.006
55	33	0.292	0.288	-0.004
55	34	0.296	0.290	-0.006
55	35	0.296	0.292	-0.004
55	36	0.292	0.287	-0.005
55	37	0.292	0.293	0.001
55	38	0.291	0.287	-0.004
55	39	0.292	0.287	-0.005
55	40	0.292	0.286	-0.006
55	41	0.292	0.285	-0.007
55	42	0.291	0.289	-0.002
50	43	0.292	0.288	-0.004
50	44	0.291	0.288	-0.003
50	45	0.291	0.287	-0.004
50	46	0.292	0.291	-0.001
50	47	0.291	0.289	-0.002
Max		0.301	0.304	0.007
Average		0.292	0.289	-0.003
Min		0.291	0.283	-0.008
Std Dev		0.002	0.004	0.003



9.187_SYNC_VOL_5V	
Test Site	
Tester	
Test Number	
Max Limit	0.5 V
Min Limit	0 V

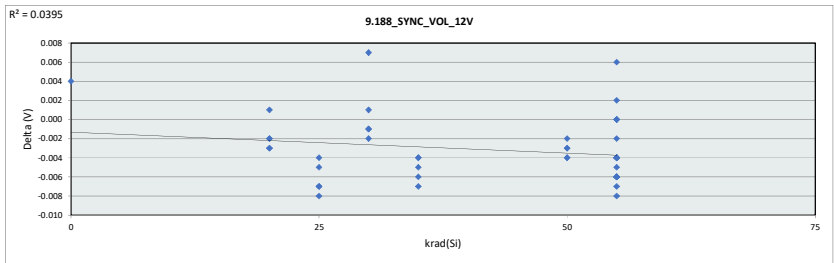
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.304	0.289	0.283	0.289	0.285	0.287	0.284
Average	0.304	0.291	0.285	0.292	0.287	0.289	0.289
Max	0.304	0.294	0.286	0.299	0.288	0.291	0.299
UL	0.500	0.500	0.500	0.500	0.500	0.500	0.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

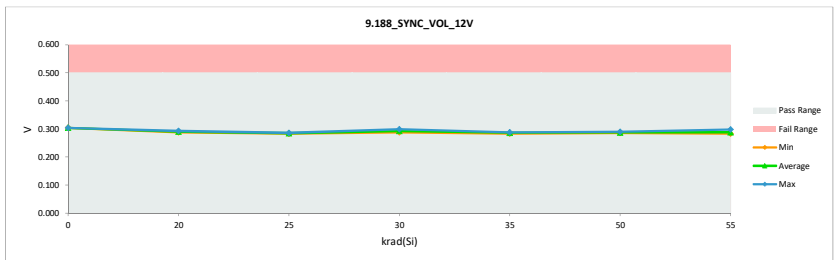
9.188_SYNC_VOL_12V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.5
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.300	0.304	0.004
25	1	0.291	0.283	-0.008
25	2	0.291	0.284	-0.007
25	3	0.290	0.286	-0.004
25	4	0.291	0.286	-0.005
25	5	0.292	0.285	-0.007
20	6	0.292	0.290	-0.002
20	7	0.292	0.290	-0.002
20	8	0.291	0.288	-0.003
20	9	0.292	0.289	-0.003
20	10	0.292	0.293	0.001
35	11	0.292	0.286	-0.006
35	12	0.291	0.287	-0.004
35	13	0.291	0.284	-0.007
35	14	0.292	0.288	-0.004
35	15	0.291	0.286	-0.005
30	16	0.292	0.299	0.007
30	17	0.292	0.291	-0.001
30	18	0.291	0.290	-0.001
30	19	0.292	0.293	0.001
30	20	0.290	0.288	-0.002
55	21	0.291	0.283	-0.008
55	22	0.291	0.287	-0.004
55	23	0.292	0.286	-0.006
55	24	0.291	0.291	0.000
55	25	0.293	0.287	-0.006
55	26	0.292	0.298	0.006
55	27	0.291	0.287	-0.004
55	28	0.291	0.285	-0.006
55	29	0.291	0.287	-0.004
55	30	0.291	0.293	0.002
55	31	0.294	0.294	0.000
55	32	0.294	0.287	-0.007
55	33	0.292	0.288	-0.004
55	34	0.295	0.289	-0.006
55	35	0.295	0.291	-0.004
55	36	0.291	0.286	-0.005
55	37	0.292	0.292	0.000
55	38	0.290	0.286	-0.004
55	39	0.291	0.287	-0.004
55	40	0.291	0.285	-0.006
55	41	0.291	0.285	-0.006
55	42	0.291	0.289	-0.002
50	43	0.291	0.287	-0.004
50	44	0.290	0.287	-0.003
50	45	0.290	0.286	-0.004
50	46	0.292	0.290	-0.002
50	47	0.291	0.288	-0.003
	Max	0.300	0.304	0.007
	Average	0.292	0.289	-0.003
	Min	0.290	0.283	-0.008
	Std Dev	0.002	0.004	0.003



9.188_SYNC_VOL_12V	
Test Site	
Tester	
Test Number	
Max Limit	0.5
Min Limit	0

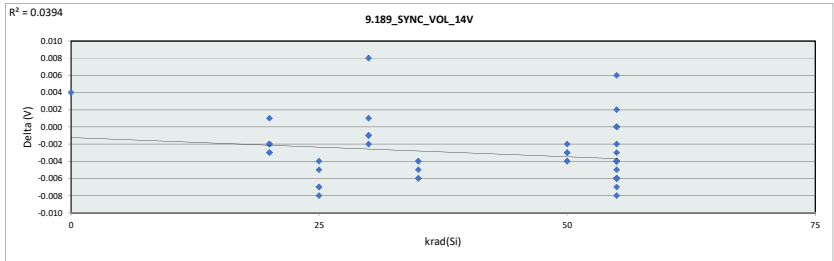
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.304	0.288	0.283	0.288	0.284	0.286	0.283
Average	0.304	0.290	0.285	0.292	0.286	0.288	0.288
Max	0.304	0.293	0.286	0.299	0.288	0.290	0.298
UL	0.500	0.500	0.500	0.500	0.500	0.500	0.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

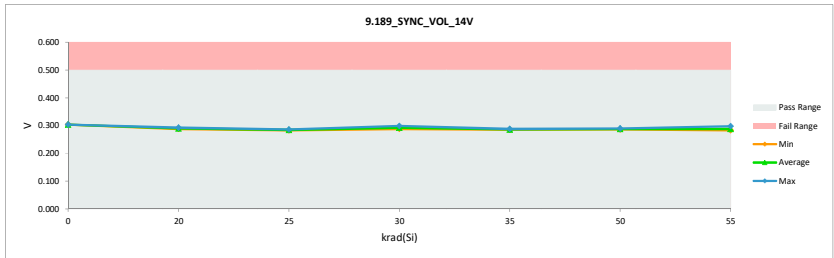
9.189_SYNC_VOL_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.5	0.5
Min Limit	0	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.300	0.304	0.004
25	1	0.291	0.283	-0.008
25	2	0.291	0.284	-0.007
25	3	0.290	0.286	-0.004
25	4	0.291	0.286	-0.005
25	5	0.292	0.285	-0.007
20	6	0.292	0.290	-0.002
20	7	0.292	0.290	-0.002
20	8	0.291	0.288	-0.003
20	9	0.292	0.289	-0.003
20	10	0.292	0.293	0.001
35	11	0.292	0.286	-0.006
35	12	0.291	0.287	-0.004
35	13	0.291	0.285	-0.006
35	14	0.292	0.288	-0.004
35	15	0.291	0.286	-0.005
30	16	0.291	0.299	0.008
30	17	0.292	0.291	-0.001
30	18	0.291	0.290	-0.001
30	19	0.292	0.293	0.001
30	20	0.290	0.288	-0.002
55	21	0.291	0.283	-0.008
55	22	0.291	0.287	-0.004
55	23	0.292	0.286	-0.006
55	24	0.291	0.291	0.000
55	25	0.293	0.287	-0.006
55	26	0.292	0.298	0.006
55	27	0.291	0.287	-0.004
55	28	0.291	0.285	-0.006
55	29	0.291	0.287	-0.004
55	30	0.291	0.293	0.002
55	31	0.294	0.294	0.000
55	32	0.294	0.287	-0.007
55	33	0.291	0.288	-0.003
55	34	0.295	0.289	-0.006
55	35	0.295	0.291	-0.004
55	36	0.291	0.286	-0.005
55	37	0.292	0.292	0.000
55	38	0.290	0.286	-0.004
55	39	0.291	0.287	-0.004
55	40	0.291	0.285	-0.006
55	41	0.291	0.285	-0.006
55	42	0.291	0.289	-0.002
50	43	0.291	0.287	-0.004
50	44	0.290	0.287	-0.003
50	45	0.290	0.286	-0.004
50	46	0.292	0.290	-0.002
50	47	0.291	0.288	-0.003
Max		0.300	0.304	0.008
Average		0.292	0.289	-0.003
Min		0.290	0.283	-0.008
Std Dev		0.002	0.004	0.003



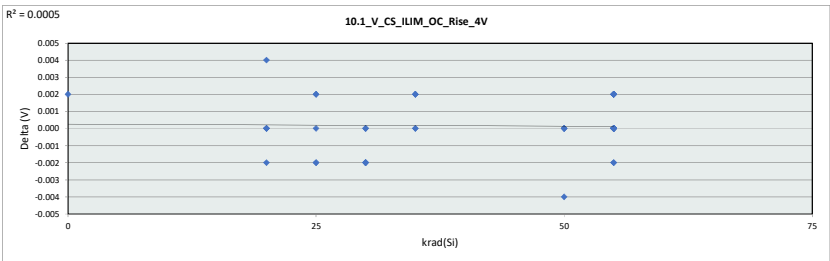
9.189_SYNC_VOL_14V		
Test Site		
Tester		
Test Number		
Max Limit	0.5	V
Min Limit	0	V

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.304	0.288	0.283	0.288	0.285	0.286	0.283
Average	0.304	0.290	0.285	0.292	0.286	0.288	0.288
Max	0.304	0.293	0.286	0.299	0.288	0.290	0.298
UL	0.500	0.500	0.500	0.500	0.500	0.500	0.500



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

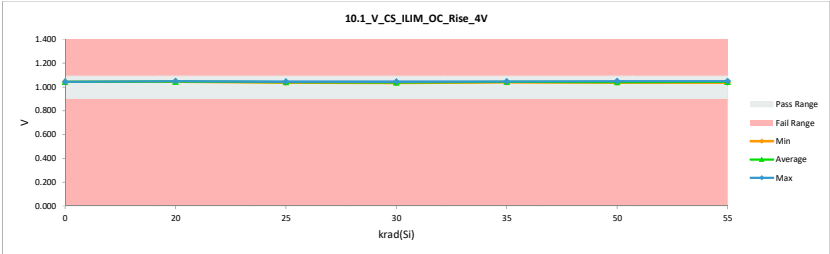
10.1_V_CS_ILIM_OC_Rise_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.08
Min Limit	0.95



krad(Si)	Serial #	5008_SEP_Pre	HDR	5008_SEP_Post	HDR	Delta
0	48	1.040		1.042		0.002
25	1	1.044		1.042		-0.002
25	2	1.040		1.042		0.002
25	3	1.040		1.040		0.000
25	4	1.042		1.044		0.002
25	5	1.038		1.036		-0.002
20	6	1.046		1.046		0.000
20	7	1.044		1.044		0.000
20	8	1.044		1.042		-0.002
20	9	1.044		1.044		0.000
20	10	1.044		1.048		0.004
35	11	1.038		1.038		0.000
35	12	1.040		1.040		0.000
35	13	1.044		1.046		0.002
35	14	1.038		1.040		0.002
35	15	1.042		1.044		0.002
30	16	1.038		1.036		-0.002
30	17	1.032		1.032		0.000
30	18	1.040		1.038		-0.002
30	19	1.036		1.036		0.000
30	20	1.046		1.044		-0.002
55	21	1.044		1.044		0.000
55	22	1.044		1.044		0.000
55	23	1.044		1.044		0.000
55	24	1.048		1.048		0.000
55	25	1.036		1.036		0.000
55	26	1.046		1.048		0.002
55	27	1.038		1.038		0.000
55	28	1.040		1.040		0.000
55	29	1.044		1.046		0.002
55	30	1.044		1.046		0.002
55	31	1.040		1.040		0.000
55	32	1.040		1.038		-0.002
55	33	1.040		1.040		0.000
55	34	1.048		1.048		0.000
55	35	1.046		1.046		0.000
55	36	1.044		1.044		0.000
55	37	1.038		1.040		0.002
55	38	1.042		1.044		0.002
55	39	1.038		1.038		0.000
55	40	1.044		1.042		-0.002
55	41	1.036		1.036		0.000
55	42	1.038		1.040		0.002
50	43	1.036		1.036		0.000
50	44	1.036		1.036		0.000
50	45	1.044		1.040		-0.004
50	46	1.036		1.036		0.000
50	47	1.048		1.048		0.000
	Max		1.048	1.048		0.004
	Average		1.041	1.041		0.000
	Min		1.032	1.032		-0.004
	Std Dev		0.004	0.004		0.002

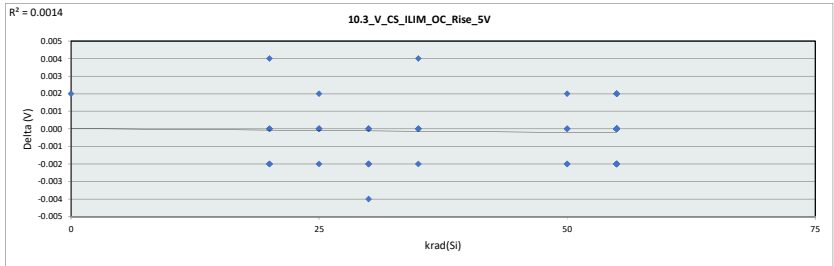
10.1_V_CS_ILIM_OC_Rise_4V	
Test Site	
Tester	
Test Number	
Max Limit	1.09
Min Limit	0.9

krad(Si)	0	20	25	30	35	50	55
LL	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Min	1.042	1.042	1.036	1.032	1.038	1.036	1.036
Average	1.042	1.045	1.041	1.037	1.042	1.039	1.042
Max	1.042	1.048	1.044	1.044	1.046	1.048	1.048
UL	1.090	1.090	1.090	1.090	1.090	1.090	1.090



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

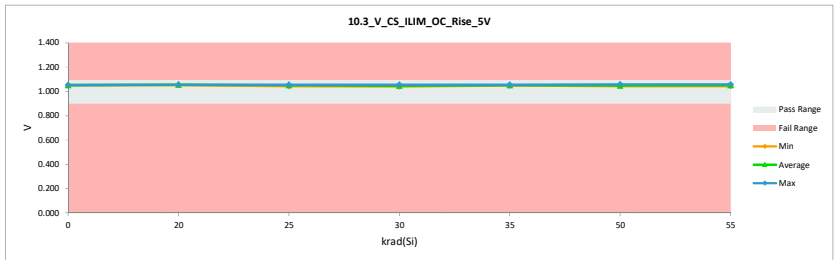
10.3_V_CS_ILIM_OC_Rise_5V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.08	1.09
Min Limit	0.95	0.9



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.050	1.052	0.002
25	1	1.054	1.052	-0.002
25	2	1.052	1.052	0.000
25	3	1.050	1.050	0.000
25	4	1.052	1.054	0.002
25	5	1.044	1.044	0.000
20	6	1.058	1.056	-0.002
20	7	1.054	1.054	0.000
20	8	1.054	1.052	-0.002
20	9	1.052	1.052	0.000
20	10	1.052	1.056	0.004
35	11	1.048	1.048	0.000
35	12	1.050	1.048	-0.002
35	13	1.054	1.054	0.000
35	14	1.046	1.050	0.004
35	15	1.052	1.052	0.000
30	16	1.048	1.046	-0.002
30	17	1.044	1.040	-0.004
30	18	1.048	1.048	0.000
30	19	1.046	1.046	0.000
30	20	1.056	1.054	-0.002
55	21	1.052	1.054	0.002
55	22	1.056	1.056	0.000
55	23	1.054	1.054	0.000
55	24	1.056	1.054	-0.002
55	25	1.046	1.044	-0.002
55	26	1.056	1.056	0.000
55	27	1.046	1.044	-0.002
55	28	1.052	1.050	-0.002
55	29	1.054	1.056	0.002
55	30	1.054	1.056	0.002
55	31	1.048	1.050	0.002
55	32	1.050	1.048	-0.002
55	33	1.046	1.046	0.000
55	34	1.058	1.058	0.000
55	35	1.056	1.056	0.000
55	36	1.054	1.054	0.000
55	37	1.048	1.048	0.000
55	38	1.052	1.052	0.000
55	39	1.046	1.048	0.002
55	40	1.052	1.050	-0.002
55	41	1.046	1.046	0.000
55	42	1.048	1.048	0.000
50	43	1.046	1.046	0.000
50	44	1.044	1.044	0.000
50	45	1.052	1.050	-0.002
50	46	1.044	1.046	0.002
50	47	1.060	1.058	-0.002
	Max	1.060	1.058	0.004
	Average	1.051	1.051	0.000
	Min	1.044	1.040	-0.004
	Std Dev	0.004	0.004	0.002

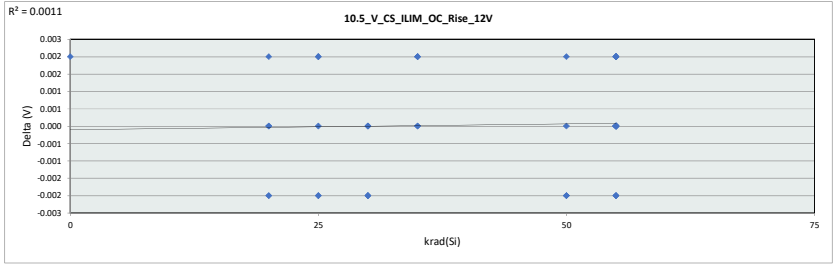
10.3_V_CS_ILIM_OC_Rise_5V		
Test Site		
Tester		
Test Number		
Max Limit	1.09	V
Min Limit	0.9	V

krad(Si)	0	20	25	30	35	50	55
LL	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Min	1.052	1.052	1.044	1.040	1.048	1.044	1.044
Average	1.052	1.054	1.050	1.047	1.050	1.049	1.051
Max	1.052	1.056	1.054	1.054	1.054	1.058	1.058
UL	1.090	1.090	1.090	1.090	1.090	1.090	1.090



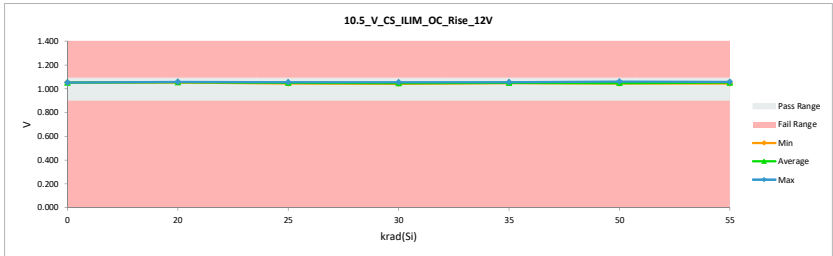
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

10.5_V_CS_ILIM_OC_Rise_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.08	1.09
Min Limit	0.95	0.9



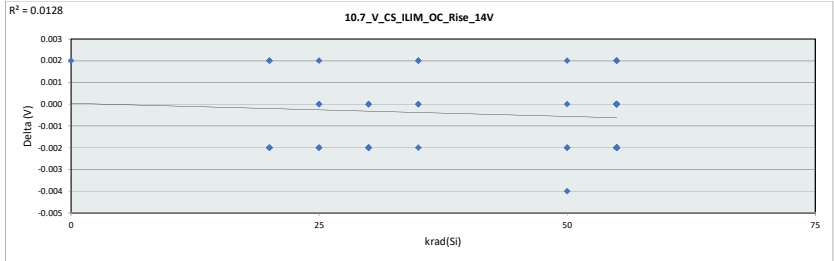
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.050	1.052	0.002
25	1	1.054	1.052	-0.002
25	2	1.052	1.054	0.002
25	3	1.050	1.050	0.000
25	4	1.052	1.054	0.002
25	5	1.046	1.044	-0.002
20	6	1.058	1.058	0.000
20	7	1.056	1.054	-0.002
20	8	1.054	1.052	-0.002
20	9	1.052	1.052	0.000
20	10	1.054	1.056	0.002
35	11	1.046	1.048	0.002
35	12	1.050	1.050	0.000
35	13	1.054	1.056	0.002
35	14	1.048	1.050	0.002
35	15	1.052	1.052	0.000
30	16	1.048	1.046	-0.002
30	17	1.044	1.042	-0.002
30	18	1.048	1.048	0.000
30	19	1.046	1.046	0.000
30	20	1.056	1.054	-0.002
55	21	1.054	1.054	0.000
55	22	1.058	1.058	0.000
55	23	1.054	1.056	0.002
55	24	1.056	1.056	0.000
55	25	1.046	1.046	0.000
55	26	1.056	1.058	0.002
55	27	1.046	1.044	-0.002
55	28	1.052	1.050	-0.002
55	29	1.054	1.056	0.002
55	30	1.054	1.056	0.002
55	31	1.048	1.050	0.002
55	32	1.050	1.048	-0.002
55	33	1.048	1.048	0.000
55	34	1.058	1.058	0.000
55	35	1.056	1.056	0.000
55	36	1.054	1.054	0.000
55	37	1.050	1.050	0.000
55	38	1.052	1.054	0.002
55	39	1.046	1.048	0.002
55	40	1.052	1.050	-0.002
55	41	1.046	1.046	0.000
55	42	1.048	1.048	0.000
50	43	1.046	1.044	-0.002
50	44	1.046	1.044	-0.002
50	45	1.052	1.050	-0.002
50	46	1.044	1.046	0.002
50	47	1.060	1.060	0.000
	Max	1.060	1.060	0.002
	Average	1.051	1.051	0.000
	Min	1.044	1.042	-0.002
	Std Dev	0.004	0.005	0.002

10.5_V_CS_ILIM_OC_Rise_12V							
Test Site							
Tester							
Test Number							
Max Limit	1.09	V					
Min Limit	0.9	V					
krad(Si)	0	20	25	30	35	50	55
LL	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Min	1.052	1.052	1.044	1.042	1.048	1.044	1.044
Average	1.052	1.054	1.051	1.047	1.051	1.049	1.052
Max	1.052	1.058	1.054	1.054	1.056	1.060	1.058
UL	1.090	1.090	1.090	1.090	1.090	1.090	1.090



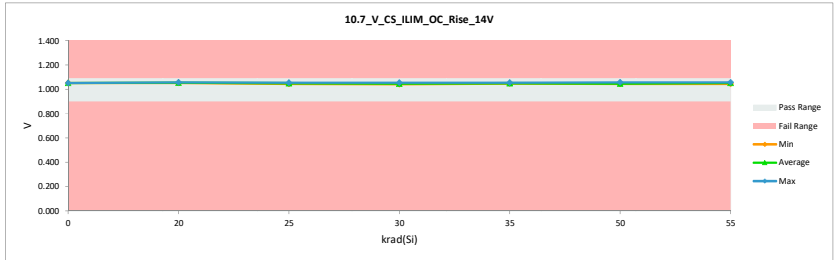
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

10.7_V_CS_ILIM_OC_Rise_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	1.08
Min Limit	0.95



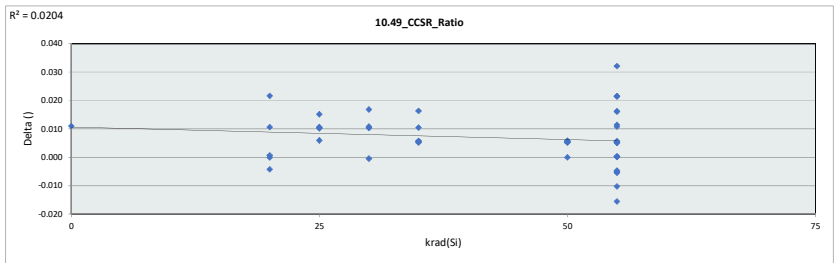
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	1.050	1.052	0.002
25	1	1.054	1.052	-0.002
25	2	1.054	1.054	0.000
25	3	1.050	1.050	0.000
25	4	1.052	1.054	0.002
25	5	1.046	1.044	-0.002
20	6	1.056	1.058	0.002
20	7	1.056	1.054	-0.002
20	8	1.054	1.052	-0.002
20	9	1.054	1.052	-0.002
20	10	1.054	1.056	0.002
35	11	1.048	1.048	0.000
35	12	1.050	1.048	-0.002
35	13	1.054	1.056	0.002
35	14	1.048	1.050	0.002
35	15	1.052	1.052	0.000
30	16	1.048	1.046	-0.002
30	17	1.044	1.042	-0.002
30	18	1.048	1.048	0.000
30	19	1.046	1.046	0.000
30	20	1.056	1.054	-0.002
55	21	1.054	1.054	0.000
55	22	1.058	1.056	-0.002
55	23	1.054	1.056	0.002
55	24	1.056	1.054	-0.002
55	25	1.046	1.044	-0.002
55	26	1.056	1.058	0.002
55	27	1.046	1.044	-0.002
55	28	1.052	1.050	-0.002
55	29	1.056	1.056	0.000
55	30	1.056	1.056	0.000
55	31	1.048	1.050	0.002
55	32	1.050	1.048	-0.002
55	33	1.048	1.048	0.000
55	34	1.058	1.058	0.000
55	35	1.056	1.056	0.000
55	36	1.054	1.054	0.000
55	37	1.050	1.050	0.000
55	38	1.054	1.052	-0.002
55	39	1.048	1.048	0.000
55	40	1.054	1.052	-0.002
55	41	1.046	1.046	0.000
55	42	1.048	1.048	0.000
50	43	1.046	1.046	0.000
50	44	1.046	1.044	-0.002
50	45	1.052	1.050	-0.002
50	46	1.044	1.046	0.002
50	47	1.062	1.058	-0.004
Max		1.062	1.058	0.002
Average		1.052	1.051	0.000
Min		1.044	1.042	-0.004
Std Dev		0.004	0.004	0.002

10.7_V_CS_ILIM_OC_Rise_14V							
Test Site							
Tester							
Test Number							
Max Limit	1.09 V						
Min Limit	0.9 V						
krad(Si)	0	20	25	30	35	50	55
LL	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Min	1.052	1.052	1.044	1.042	1.048	1.044	1.044
Average	1.052	1.054	1.051	1.047	1.051	1.049	1.052
Max	1.052	1.058	1.054	1.054	1.056	1.058	1.058
UL	1.090	1.090	1.090	1.090	1.090	1.090	1.090



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

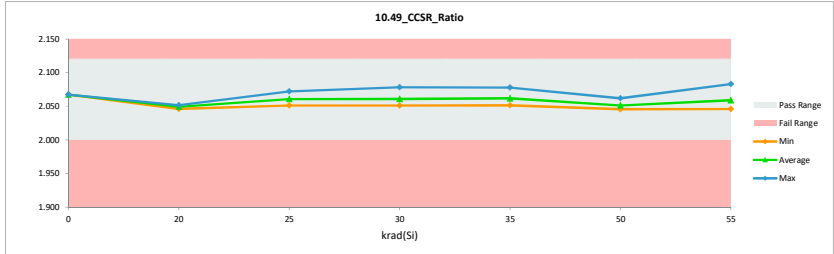
10.49_CCSR_Ratio		
Test Site		
Tester		
Test Number		
Unit		
Max Limit	2.12	2.12
Min Limit	2	2



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	2.056	2.067	0.011
25	1	2.041	2.051	0.010
25	2	2.062	2.072	0.010
25	3	2.046	2.056	0.011
25	4	2.041	2.056	0.015
25	5	2.061	2.067	0.006
20	6	2.046	2.046	0.001
20	7	2.041	2.051	0.011
20	8	2.051	2.046	-0.004
20	9	2.030	2.051	0.022
20	10	2.051	2.051	0.000
35	11	2.051	2.057	0.006
35	12	2.061	2.078	0.016
35	13	2.062	2.067	0.006
35	14	2.046	2.051	0.005
35	15	2.046	2.056	0.010
30	16	2.046	2.056	0.010
30	17	2.046	2.056	0.010
30	18	2.051	2.062	0.011
30	19	2.051	2.051	-0.001
30	20	2.061	2.078	0.017
55	21	2.051	2.067	0.016
55	22	2.051	2.046	-0.005
55	23	2.056	2.051	-0.005
55	24	2.040	2.056	0.016
55	25	2.051	2.051	0.000
55	26	2.046	2.067	0.021
55	27	2.083	2.078	-0.005
55	28	2.051	2.051	0.000
55	29	2.056	2.051	-0.006
55	30	2.046	2.051	0.005
55	31	2.067	2.067	0.000
55	32	2.046	2.051	0.005
55	33	2.056	2.046	-0.010
55	34	2.051	2.057	0.006
55	35	2.046	2.051	0.005
55	36	2.051	2.056	0.006
55	37	2.067	2.078	0.011
55	38	2.041	2.051	0.011
55	39	2.046	2.067	0.021
55	40	2.062	2.083	0.021
55	41	2.040	2.072	0.032
55	42	2.062	2.046	-0.016
50	43	2.046	2.046	0.000
50	44	2.041	2.046	0.005
50	45	2.046	2.051	0.005
50	46	2.045	2.051	0.006
50	47	2.056	2.062	0.006
	Max	2.083	2.083	0.032
	Average	2.051	2.058	0.007
	Min	2.030	2.046	-0.016
	Std Dev	0.009	0.010	0.009

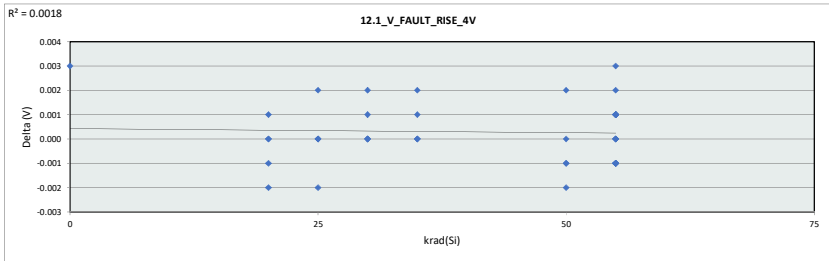
10.49_CCSR_Ratio		
Test Site		
Tester		
Test Number		
Max Limit	2.12	
Min Limit	2	

krad(Si)	0	20	25	30	35	50	55
LL	2.000	2.000	2.000	2.000	2.000	2.000	2.000
Min	2.067	2.046	2.051	2.051	2.051	2.046	2.046
Average	2.067	2.049	2.061	2.061	2.062	2.051	2.059
Max	2.067	2.051	2.072	2.078	2.078	2.062	2.083
UL	2.120	2.120	2.120	2.120	2.120	2.120	2.120



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

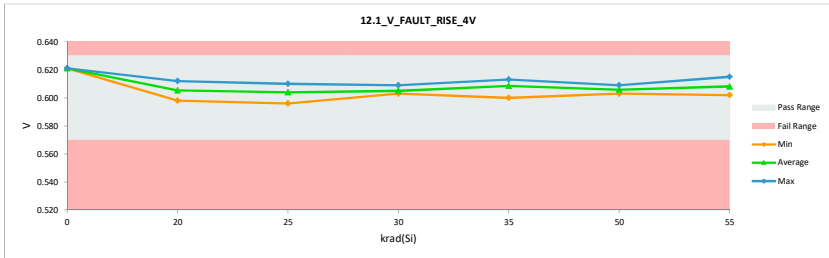
12.1_V_FAULT_RISE_4V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.63
Min Limit	0.57



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.618	0.621	0.003
25	1	0.610	0.610	0.000
25	2	0.600	0.600	0.000
25	3	0.598	0.596	-0.002
25	4	0.608	0.608	0.000
25	5	0.604	0.606	0.002
20	6	0.607	0.607	0.000
20	7	0.607	0.608	0.001
20	8	0.614	0.612	-0.002
20	9	0.603	0.602	-0.001
20	10	0.598	0.598	0.000
35	11	0.598	0.600	0.002
35	12	0.608	0.609	0.001
35	13	0.609	0.609	0.000
35	14	0.612	0.612	0.000
35	15	0.613	0.613	0.000
30	16	0.604	0.604	0.000
30	17	0.603	0.603	0.000
30	18	0.604	0.605	0.001
30	19	0.604	0.604	0.000
30	20	0.607	0.609	0.002
55	21	0.610	0.612	0.002
55	22	0.609	0.608	-0.001
55	23	0.610	0.610	0.000
55	24	0.609	0.610	0.001
55	25	0.603	0.604	0.001
55	26	0.607	0.606	-0.001
55	27	0.608	0.607	-0.001
55	28	0.607	0.607	0.000
55	29	0.603	0.602	-0.001
55	30	0.609	0.610	0.001
55	31	0.606	0.607	0.001
55	32	0.599	0.602	0.003
55	33	0.606	0.606	0.000
55	34	0.604	0.605	0.001
55	35	0.604	0.603	-0.001
55	36	0.613	0.614	0.001
55	37	0.616	0.615	-0.001
55	38	0.614	0.615	0.001
55	39	0.609	0.610	0.001
55	40	0.611	0.611	0.000
55	41	0.610	0.611	0.001
55	42	0.604	0.605	0.001
50	43	0.604	0.606	0.002
50	44	0.606	0.604	-0.002
50	45	0.607	0.607	0.000
50	46	0.604	0.603	-0.001
50	47	0.610	0.609	-0.001
Max		0.618	0.621	0.003
Average		0.607	0.607	0.000
Min		0.598	0.596	-0.002
Std Dev		0.005	0.005	0.001

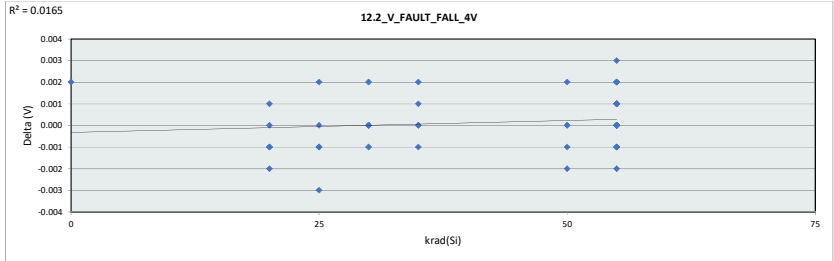
12.1_V_FAULT_RISE_4V	
Test Site	
Tester	
Test Number	
Max Limit	0.63
Min Limit	0.57

krad(Si)	0	20	25	30	35	50	55
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.621	0.598	0.596	0.603	0.600	0.603	0.602
Average	0.621	0.605	0.604	0.605	0.609	0.606	0.608
Max	0.621	0.612	0.610	0.609	0.613	0.609	0.615
UL	0.630	0.630	0.630	0.630	0.630	0.630	0.630



HDR TID Report TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

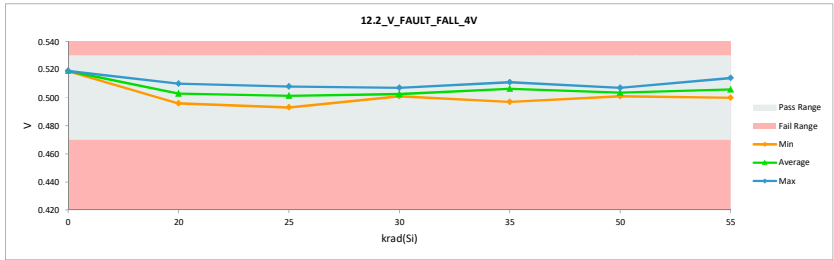
12.2_V_FAULT_FALL_4V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.53
Min Limit	0.47	0.47



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.517	0.519	0.002
25	1	0.509	0.508	-0.001
25	2	0.498	0.498	0.000
25	3	0.496	0.493	-0.003
25	4	0.506	0.505	-0.001
25	5	0.501	0.503	0.002
20	6	0.505	0.504	-0.001
20	7	0.505	0.506	0.001
20	8	0.512	0.510	-0.002
20	9	0.500	0.499	-0.001
20	10	0.496	0.496	0.000
35	11	0.496	0.497	0.001
35	12	0.506	0.508	0.002
35	13	0.507	0.507	0.000
35	14	0.510	0.509	-0.001
35	15	0.511	0.511	0.000
30	16	0.501	0.501	0.000
30	17	0.502	0.501	-0.001
30	18	0.502	0.502	0.000
30	19	0.502	0.502	0.000
30	20	0.505	0.507	0.002
55	21	0.508	0.510	0.002
55	22	0.506	0.506	0.000
55	23	0.507	0.508	0.001
55	24	0.506	0.508	0.002
55	25	0.501	0.501	0.000
55	26	0.505	0.503	-0.002
55	27	0.505	0.505	0.000
55	28	0.505	0.504	-0.001
55	29	0.500	0.500	0.000
55	30	0.507	0.508	0.001
55	31	0.504	0.505	0.001
55	32	0.497	0.500	0.003
55	33	0.503	0.503	0.000
55	34	0.502	0.502	0.000
55	35	0.502	0.501	-0.001
55	36	0.511	0.511	0.000
55	37	0.514	0.514	0.000
55	38	0.512	0.512	0.000
55	39	0.507	0.508	0.001
55	40	0.509	0.508	-0.001
55	41	0.508	0.510	0.002
55	42	0.502	0.503	0.001
50	43	0.502	0.504	0.002
50	44	0.503	0.501	-0.002
50	45	0.505	0.505	0.000
50	46	0.502	0.501	-0.001
50	47	0.507	0.507	0.000
	Max	0.517	0.519	0.003
	Average	0.505	0.505	0.000
	Min	0.496	0.493	-0.003
	Std Dev	0.005	0.005	0.001

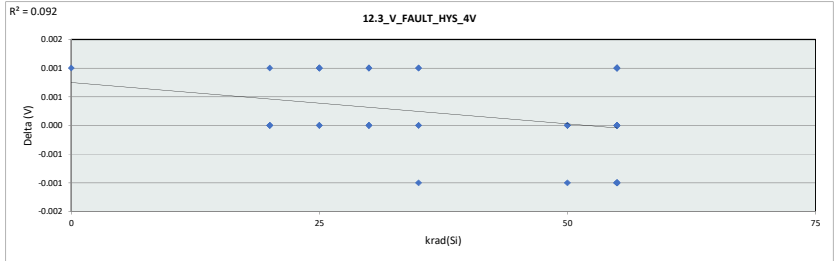
12.2_V_FAULT_FALL_4V		
Test Site		
Tester		
Test Number		
Max Limit	0.53	V
Min Limit	0.47	V

krad(Si)	0	20	25	30	35	50	55
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.519	0.496	0.493	0.501	0.497	0.501	0.500
Average	0.519	0.503	0.501	0.503	0.506	0.504	0.506
Max	0.519	0.510	0.508	0.507	0.511	0.507	0.514
UL	0.530	0.530	0.530	0.530	0.530	0.530	0.530



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

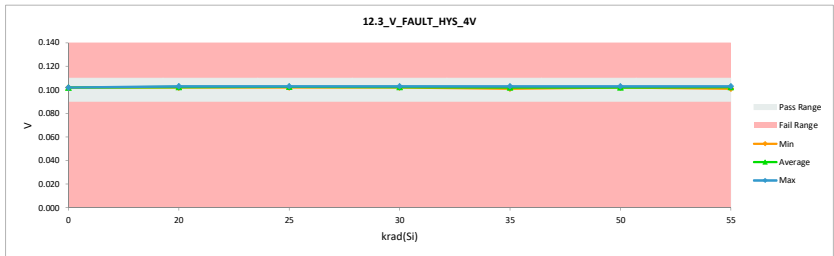
12.3_V_FAULT_HYS_4V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.11	0.11
Min Limit	0.09	0.09



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.101	0.102	0.001
25	1	0.101	0.102	0.001
25	2	0.102	0.102	0.000
25	3	0.102	0.103	0.001
25	4	0.102	0.103	0.001
25	5	0.103	0.103	0.000
20	6	0.102	0.103	0.001
20	7	0.102	0.102	0.000
20	8	0.102	0.102	0.000
20	9	0.103	0.103	0.000
20	10	0.102	0.102	0.000
35	11	0.102	0.103	0.001
35	12	0.102	0.101	-0.001
35	13	0.102	0.102	0.000
35	14	0.102	0.103	0.001
35	15	0.102	0.102	0.000
30	16	0.103	0.103	0.000
30	17	0.101	0.102	0.001
30	18	0.102	0.103	0.001
30	19	0.102	0.102	0.000
30	20	0.102	0.102	0.000
55	21	0.102	0.102	0.000
55	22	0.103	0.102	-0.001
55	23	0.103	0.102	-0.001
55	24	0.103	0.102	-0.001
55	25	0.102	0.103	0.001
55	26	0.102	0.103	0.001
55	27	0.103	0.102	-0.001
55	28	0.102	0.103	0.001
55	29	0.103	0.102	-0.001
55	30	0.102	0.102	0.000
55	31	0.102	0.102	0.000
55	32	0.102	0.102	0.000
55	33	0.103	0.103	0.000
55	34	0.102	0.103	0.001
55	35	0.102	0.102	0.000
55	36	0.102	0.103	0.001
55	37	0.102	0.101	-0.001
55	38	0.102	0.103	0.001
55	39	0.102	0.102	0.000
55	40	0.102	0.103	0.001
55	41	0.102	0.101	-0.001
55	42	0.102	0.102	0.000
50	43	0.102	0.102	0.000
50	44	0.103	0.103	0.000
50	45	0.102	0.102	0.000
50	46	0.102	0.102	0.000
50	47	0.103	0.102	-0.001
Max		0.103	0.103	0.001
Average		0.102	0.102	0.000
Min		0.101	0.101	-0.001
Std Dev		0.001	0.001	0.001

12.3_V_FAULT_HYS_4V		
Test Site		
Tester		
Test Number		
Max Limit	0.11	V
Min Limit	0.09	V

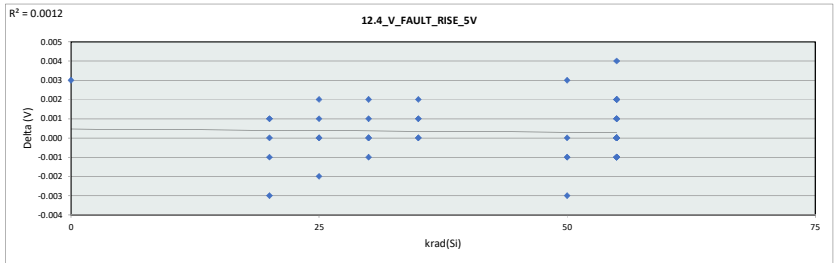
krad(Si)	0	20	25	30	35	50	55
LL	0.090	0.090	0.090	0.090	0.090	0.090	0.090
Min	0.102	0.102	0.102	0.102	0.101	0.102	0.101
Average	0.102	0.102	0.103	0.102	0.102	0.102	0.102
Max	0.102	0.103	0.103	0.103	0.103	0.103	0.103
UL	0.110	0.110	0.110	0.110	0.110	0.110	0.110



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

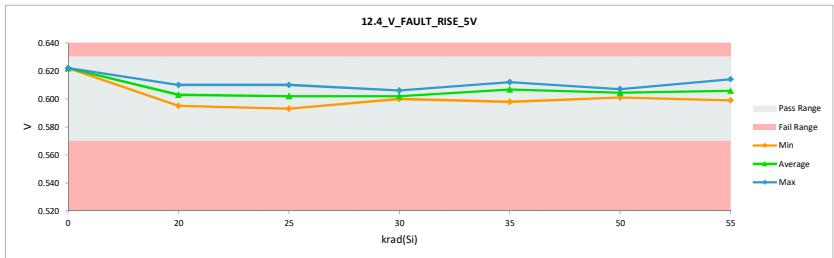
12.4_V_FAULT_RISE_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.63
Min Limit	0.57

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.619	0.622	0.003
25	1	0.610	0.610	0.000
25	2	0.597	0.598	0.001
25	3	0.595	0.593	-0.002
25	4	0.606	0.606	0.000
25	5	0.601	0.603	0.002
20	6	0.604	0.604	0.000
20	7	0.606	0.607	0.001
20	8	0.613	0.610	-0.003
20	9	0.600	0.599	-0.001
20	10	0.594	0.595	0.001
35	11	0.596	0.598	0.002
35	12	0.606	0.607	0.001
35	13	0.607	0.607	0.000
35	14	0.610	0.610	0.000
35	15	0.611	0.612	0.001
30	16	0.601	0.601	0.000
30	17	0.601	0.600	-0.001
30	18	0.601	0.602	0.001
30	19	0.601	0.601	0.000
30	20	0.604	0.606	0.002
55	21	0.608	0.610	0.002
55	22	0.606	0.606	0.000
55	23	0.607	0.606	-0.001
55	24	0.605	0.606	0.001
55	25	0.601	0.601	0.000
55	26	0.604	0.603	-0.001
55	27	0.604	0.603	-0.001
55	28	0.604	0.603	-0.001
55	29	0.600	0.600	0.000
55	30	0.605	0.607	0.002
55	31	0.603	0.605	0.002
55	32	0.595	0.599	0.004
55	33	0.603	0.603	0.000
55	34	0.601	0.601	0.000
55	35	0.600	0.599	-0.001
55	36	0.613	0.613	0.000
55	37	0.615	0.614	-0.001
55	38	0.612	0.613	0.001
55	39	0.609	0.611	0.002
55	40	0.610	0.610	0.000
55	41	0.609	0.610	0.001
55	42	0.603	0.604	0.001
50	43	0.603	0.606	0.003
50	44	0.604	0.601	-0.003
50	45	0.606	0.606	0.000
50	46	0.603	0.602	-0.001
50	47	0.608	0.607	-0.001
	Max	0.619	0.622	0.004
	Average	0.605	0.605	0.000
	Min	0.594	0.593	-0.003
	Std Dev	0.005	0.005	0.001



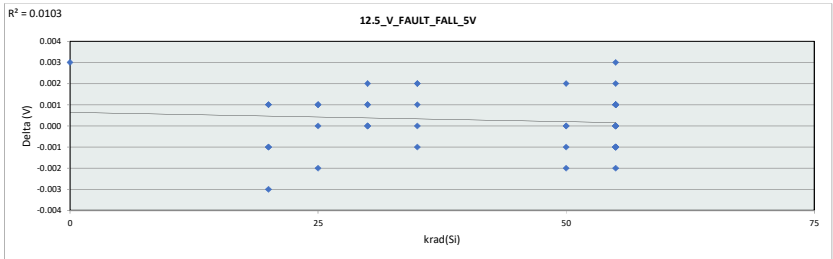
12.4_V_FAULT_RISE_5V	
Test Site	
Tester	
Test Number	
Max Limit	0.63
Min Limit	0.57

krad(Si)	0	20	25	30	35	50	55
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.622	0.595	0.593	0.600	0.598	0.601	0.599
Average	0.622	0.603	0.602	0.602	0.607	0.604	0.606
Max	0.622	0.610	0.610	0.606	0.612	0.607	0.614
UL	0.630	0.630	0.630	0.630	0.630	0.630	0.630



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

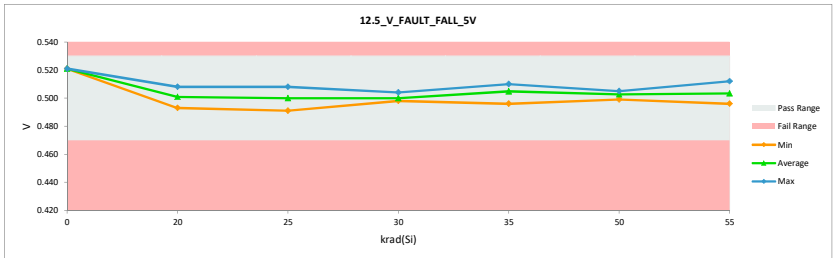
12.5_V_FAULT_FALL_5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.53
Min Limit	0.47



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.518	0.521	0.003
25	1	0.508	0.508	0.000
25	2	0.495	0.496	0.001
25	3	0.493	0.491	-0.002
25	4	0.504	0.505	0.001
25	5	0.499	0.500	0.001
20	6	0.502	0.501	-0.001
20	7	0.504	0.505	0.001
20	8	0.511	0.508	-0.003
20	9	0.498	0.497	-0.001
20	10	0.492	0.493	0.001
35	11	0.494	0.496	0.002
35	12	0.504	0.506	0.002
35	13	0.505	0.505	0.000
35	14	0.508	0.507	-0.001
35	15	0.509	0.510	0.001
30	16	0.498	0.498	0.000
30	17	0.499	0.499	0.000
30	18	0.499	0.500	0.001
30	19	0.498	0.499	0.001
30	20	0.502	0.504	0.002
55	21	0.506	0.507	0.001
55	22	0.504	0.503	-0.001
55	23	0.504	0.504	0.000
55	24	0.503	0.504	0.001
55	25	0.499	0.499	0.000
55	26	0.502	0.500	-0.002
55	27	0.501	0.501	0.000
55	28	0.502	0.501	-0.001
55	29	0.498	0.497	-0.001
55	30	0.503	0.504	0.001
55	31	0.501	0.502	0.001
55	32	0.493	0.496	0.003
55	33	0.501	0.501	0.000
55	34	0.499	0.500	0.001
55	35	0.498	0.497	-0.001
55	36	0.511	0.511	0.000
55	37	0.513	0.512	-0.001
55	38	0.510	0.511	0.001
55	39	0.507	0.509	0.002
55	40	0.508	0.507	-0.001
55	41	0.507	0.508	0.001
55	42	0.501	0.502	0.001
50	43	0.502	0.504	0.002
50	44	0.501	0.499	-0.002
50	45	0.504	0.504	0.000
50	46	0.502	0.501	-0.001
50	47	0.505	0.505	0.000
	Max	0.518	0.521	0.003
	Average	0.503	0.503	0.000
	Min	0.492	0.491	-0.003
	Std Dev	0.005	0.005	0.001

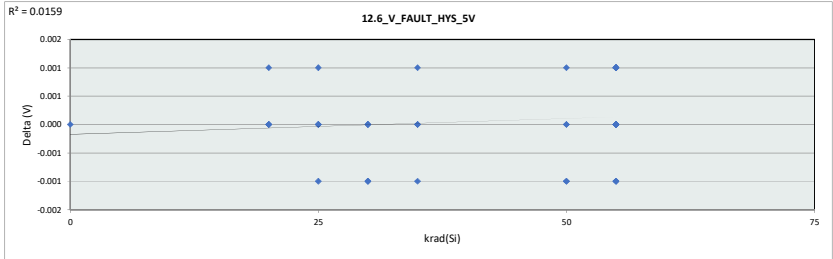
12.5_V_FAULT_FALL_5V	
Test Site	
Tester	
Test Number	
Max Limit	0.53
Min Limit	0.47

krad(Si)	0	20	25	30	35	50	55
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.521	0.493	0.491	0.498	0.496	0.499	0.496
Average	0.521	0.501	0.500	0.500	0.505	0.503	0.503
Max	0.521	0.508	0.508	0.504	0.510	0.505	0.512
UL	0.530	0.530	0.530	0.530	0.530	0.530	0.530



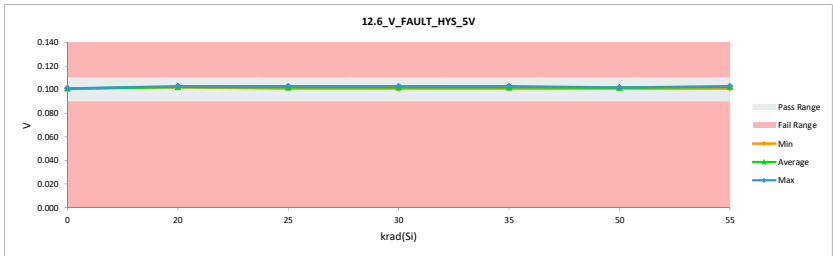
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

12.6_V_FAULT_HYS_5V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.11	0.11
Min Limit	0.09	0.09



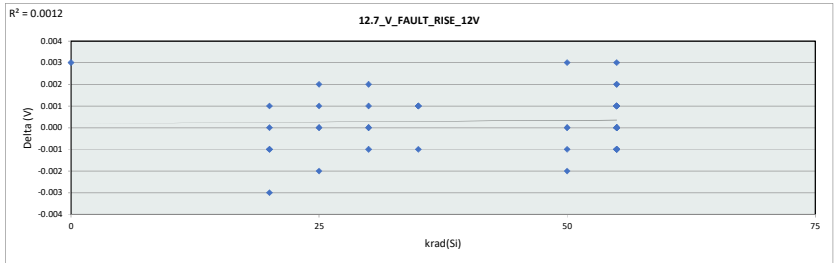
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.101	0.101	0.000
25	1	0.102	0.102	0.000
25	2	0.102	0.102	0.000
25	3	0.102	0.102	0.000
25	4	0.102	0.101	-0.001
25	5	0.102	0.103	0.001
20	6	0.102	0.103	0.001
20	7	0.102	0.102	0.000
20	8	0.102	0.102	0.000
20	9	0.102	0.102	0.000
20	10	0.102	0.102	0.000
35	11	0.102	0.102	0.000
35	12	0.102	0.101	-0.001
35	13	0.102	0.102	0.000
35	14	0.102	0.103	0.001
35	15	0.102	0.102	0.000
30	16	0.103	0.103	0.000
30	17	0.102	0.101	-0.001
30	18	0.102	0.102	0.000
30	19	0.103	0.102	-0.001
30	20	0.102	0.102	0.000
55	21	0.102	0.103	0.001
55	22	0.102	0.103	0.001
55	23	0.103	0.102	-0.001
55	24	0.102	0.102	0.000
55	25	0.102	0.102	0.000
55	26	0.102	0.103	0.001
55	27	0.103	0.102	-0.001
55	28	0.102	0.102	0.000
55	29	0.102	0.103	0.001
55	30	0.102	0.103	0.001
55	31	0.102	0.103	0.001
55	32	0.102	0.103	0.001
55	33	0.102	0.102	0.000
55	34	0.102	0.101	-0.001
55	35	0.102	0.102	0.000
55	36	0.102	0.102	0.000
55	37	0.102	0.102	0.000
55	38	0.102	0.102	0.000
55	39	0.102	0.102	0.000
55	40	0.102	0.103	0.001
55	41	0.102	0.102	0.000
55	42	0.102	0.102	0.000
50	43	0.101	0.102	0.001
50	44	0.103	0.102	-0.001
50	45	0.102	0.102	0.000
50	46	0.101	0.101	0.000
50	47	0.103	0.102	-0.001
Max		0.103	0.103	0.001
Average		0.102	0.102	0.000
Min		0.101	0.101	-0.001
Std Dev		0.000	0.001	0.001

12.6_V_FAULT_HYS_5V							
Test Site							
Tester							
Test Number							
Max Limit	0.11	V					
Min Limit	0.09	V					
krad(Si)	0	20	25	30	35	50	55
LL	0.090	0.090	0.090	0.090	0.090	0.090	0.090
Min	0.101	0.102	0.101	0.101	0.101	0.101	0.101
Average	0.101	0.102	0.102	0.102	0.102	0.102	0.102
Max	0.101	0.103	0.103	0.103	0.103	0.102	0.103
UL	0.110	0.110	0.110	0.110	0.110	0.110	0.110



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

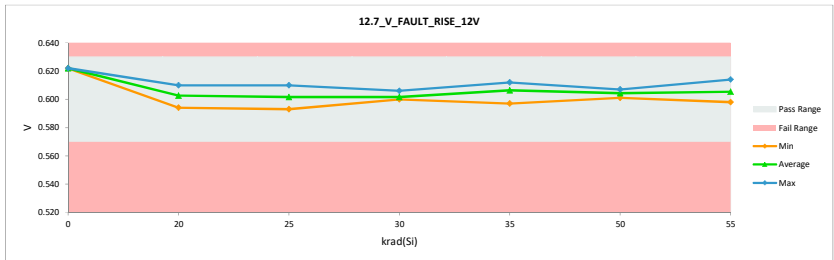
12.7_V_FAULT_RISE_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.63
Min Limit	0.57	0.57



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.619	0.622	0.003
25	1	0.609	0.610	0.001
25	2	0.597	0.597	0.000
25	3	0.595	0.593	-0.002
25	4	0.606	0.606	0.000
25	5	0.600	0.602	0.002
20	6	0.604	0.603	-0.001
20	7	0.606	0.607	0.001
20	8	0.613	0.610	-0.003
20	9	0.600	0.599	-0.001
20	10	0.594	0.594	0.000
35	11	0.596	0.597	0.001
35	12	0.606	0.607	0.001
35	13	0.606	0.607	0.001
35	14	0.610	0.609	-0.001
35	15	0.611	0.612	0.001
30	16	0.600	0.600	0.000
30	17	0.601	0.600	-0.001
30	18	0.601	0.602	0.001
30	19	0.600	0.600	0.000
30	20	0.604	0.606	0.002
55	21	0.608	0.610	0.002
55	22	0.606	0.605	-0.001
55	23	0.606	0.606	0.000
55	24	0.605	0.606	0.001
55	25	0.600	0.600	0.000
55	26	0.604	0.603	-0.001
55	27	0.604	0.603	-0.001
55	28	0.603	0.603	0.000
55	29	0.599	0.599	0.000
55	30	0.605	0.606	0.001
55	31	0.603	0.604	0.001
55	32	0.595	0.598	0.003
55	33	0.603	0.603	0.000
55	34	0.600	0.601	0.001
55	35	0.599	0.599	0.000
55	36	0.613	0.613	0.000
55	37	0.614	0.614	0.000
55	38	0.612	0.613	0.001
55	39	0.609	0.611	0.002
55	40	0.610	0.609	-0.001
55	41	0.608	0.609	0.001
55	42	0.603	0.604	0.001
50	43	0.603	0.606	0.003
50	44	0.603	0.601	-0.002
50	45	0.606	0.606	0.000
50	46	0.603	0.602	-0.001
50	47	0.607	0.607	0.000
	Max	0.619	0.622	0.003
	Average	0.604	0.605	0.000
	Min	0.594	0.593	-0.003
	Std Dev	0.005	0.006	0.001

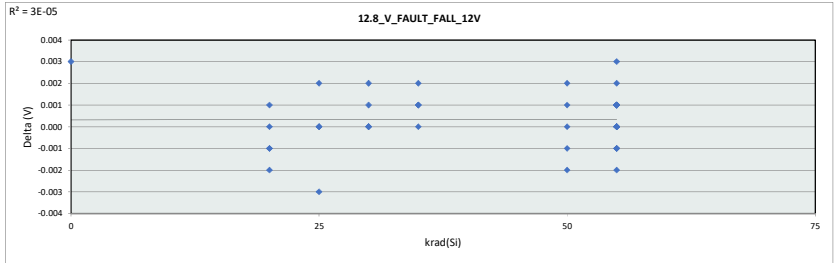
12.7_V_FAULT_RISE_12V		
Test Site		
Tester		
Test Number		
Max Limit	0.63	V
Min Limit	0.57	V

krad(Si)	0	20	25	30	35	50	55
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.622	0.594	0.593	0.600	0.597	0.601	0.598
Average	0.622	0.603	0.602	0.602	0.606	0.604	0.605
Max	0.622	0.610	0.610	0.606	0.612	0.607	0.614
UL	0.630	0.630	0.630	0.630	0.630	0.630	0.630



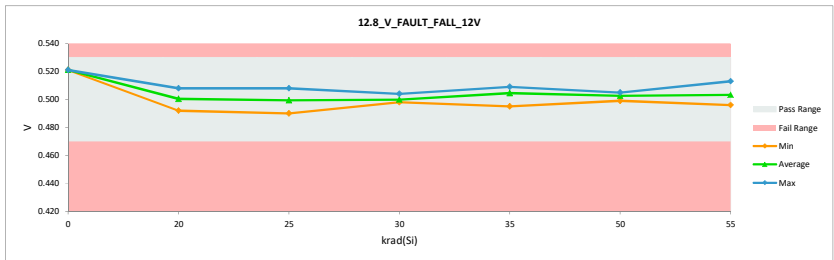
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

12.8_V_FAULT_FALL_12V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.53	0.53
Min Limit	0.47	0.47



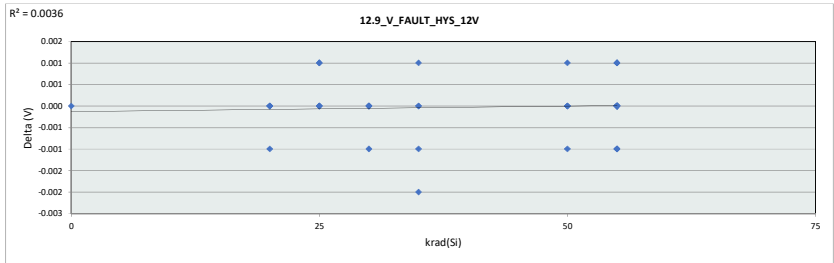
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.518	0.521	0.003
25	1	0.508	0.508	0.000
25	2	0.495	0.495	0.000
25	3	0.493	0.490	-0.003
25	4	0.504	0.504	0.000
25	5	0.498	0.500	0.002
20	6	0.502	0.501	-0.001
20	7	0.504	0.505	0.001
20	8	0.510	0.508	-0.002
20	9	0.497	0.496	-0.001
20	10	0.492	0.492	0.000
35	11	0.494	0.495	0.001
35	12	0.504	0.506	0.002
35	13	0.504	0.505	0.001
35	14	0.507	0.508	0.001
35	15	0.509	0.509	0.000
30	16	0.498	0.498	0.000
30	17	0.499	0.499	0.000
30	18	0.499	0.500	0.001
30	19	0.498	0.498	0.000
30	20	0.502	0.504	0.002
55	21	0.506	0.507	0.001
55	22	0.503	0.503	0.000
55	23	0.504	0.503	-0.001
55	24	0.503	0.504	0.001
55	25	0.498	0.498	0.000
55	26	0.502	0.500	-0.002
55	27	0.502	0.501	-0.001
55	28	0.502	0.501	-0.001
55	29	0.497	0.497	0.000
55	30	0.503	0.504	0.001
55	31	0.501	0.502	0.001
55	32	0.493	0.496	0.003
55	33	0.500	0.500	0.000
55	34	0.498	0.499	0.001
55	35	0.497	0.497	0.000
55	36	0.511	0.511	0.000
55	37	0.512	0.513	0.001
55	38	0.510	0.511	0.001
55	39	0.507	0.509	0.002
55	40	0.507	0.507	0.000
55	41	0.506	0.507	0.001
55	42	0.501	0.502	0.001
50	43	0.502	0.504	0.002
50	44	0.501	0.499	-0.002
50	45	0.503	0.504	0.001
50	46	0.502	0.501	-0.001
50	47	0.505	0.505	0.000
	Max	0.518	0.521	0.003
	Average	0.502	0.503	0.000
	Min	0.492	0.490	-0.003
	Std Dev	0.005	0.006	0.001

12.8_V_FAULT_FALL_12V							
Test Site							
Tester							
Test Number							
Max Limit	0.53	V					
Min Limit	0.47	V					
krad(Si)	0	20	25	30	35	50	55
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.521	0.492	0.490	0.498	0.495	0.499	0.496
Average	0.521	0.500	0.499	0.500	0.505	0.503	0.503
Max	0.521	0.508	0.508	0.504	0.509	0.505	0.513
UL	0.530	0.530	0.530	0.530	0.530	0.530	0.530



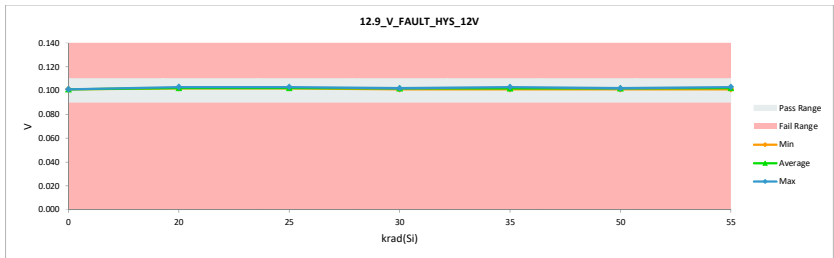
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

12.9_V_FAULT_HYS_12V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.11
Min Limit	0.09



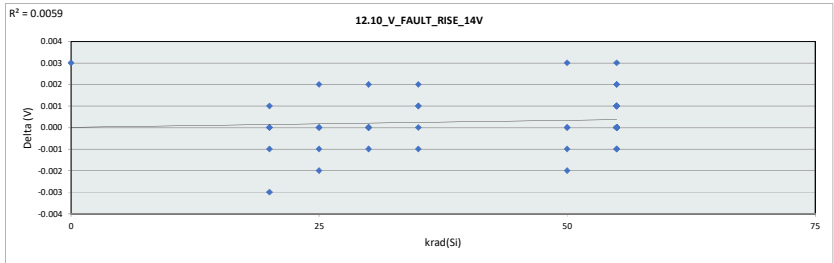
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.101	0.101	0.000
25	1	0.101	0.102	0.001
25	2	0.102	0.102	0.000
25	3	0.102	0.103	0.001
25	4	0.102	0.102	0.000
25	5	0.102	0.102	0.000
20	6	0.102	0.102	0.000
20	7	0.102	0.102	0.000
20	8	0.103	0.102	-0.001
20	9	0.103	0.103	0.000
20	10	0.102	0.102	0.000
35	11	0.102	0.102	0.000
35	12	0.102	0.101	-0.001
35	13	0.102	0.102	0.000
35	14	0.103	0.101	-0.002
35	15	0.102	0.103	0.001
30	16	0.102	0.102	0.000
30	17	0.102	0.101	-0.001
30	18	0.102	0.102	0.000
30	19	0.102	0.102	0.000
30	20	0.102	0.102	0.000
55	21	0.102	0.103	0.001
55	22	0.103	0.102	-0.001
55	23	0.102	0.103	0.001
55	24	0.102	0.102	0.000
55	25	0.102	0.102	0.000
55	26	0.102	0.103	0.001
55	27	0.102	0.102	0.000
55	28	0.101	0.102	0.001
55	29	0.102	0.102	0.000
55	30	0.102	0.102	0.000
55	31	0.102	0.102	0.000
55	32	0.102	0.102	0.000
55	33	0.103	0.103	0.000
55	34	0.102	0.102	0.000
55	35	0.102	0.102	0.000
55	36	0.102	0.102	0.000
55	37	0.102	0.101	-0.001
55	38	0.102	0.102	0.000
55	39	0.102	0.102	0.000
55	40	0.103	0.102	-0.001
55	41	0.102	0.102	0.000
55	42	0.102	0.102	0.000
50	43	0.101	0.102	0.001
50	44	0.102	0.102	0.000
50	45	0.103	0.102	-0.001
50	46	0.101	0.101	0.000
50	47	0.102	0.102	0.000
Max		0.103	0.103	0.001
Average		0.102	0.102	0.000
Min		0.101	0.101	-0.002
Std Dev		0.001	0.001	0.001

12.9_V_FAULT_HYS_12V							
Test Site							
Tester							
Test Number							
Max Limit	0.11 V						
Min Limit	0.09 V						
krad(Si)	0	20	25	30	35	50	55
LL	0.090	0.090	0.090	0.090	0.090	0.090	0.090
Min	0.101	0.102	0.102	0.101	0.101	0.101	0.101
Average	0.101	0.102	0.102	0.102	0.102	0.102	0.102
Max	0.101	0.103	0.103	0.102	0.103	0.102	0.103
UL	0.110	0.110	0.110	0.110	0.110	0.110	0.110



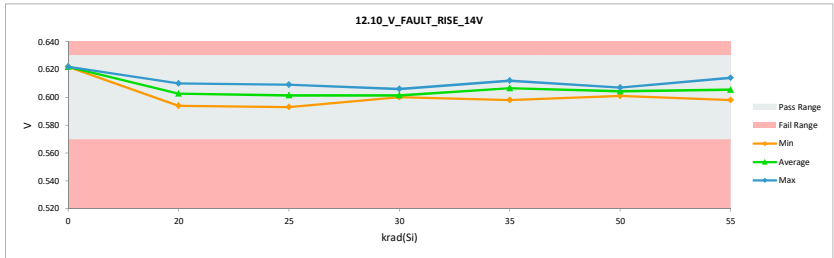
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

12.10_V_FAULT_RISE_14V		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.63	0.63
Min Limit	0.57	0.57



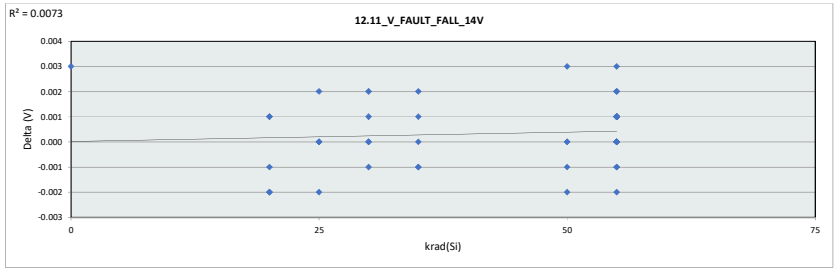
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.619	0.622	0.003
25	1	0.610	0.609	-0.001
25	2	0.597	0.597	0.000
25	3	0.595	0.593	-0.002
25	4	0.606	0.606	0.000
25	5	0.600	0.602	0.002
20	6	0.604	0.603	-0.001
20	7	0.606	0.607	0.001
20	8	0.613	0.610	-0.003
20	9	0.599	0.599	0.000
20	10	0.594	0.594	0.000
35	11	0.596	0.598	0.002
35	12	0.606	0.607	0.001
35	13	0.607	0.607	0.000
35	14	0.610	0.609	-0.001
35	15	0.611	0.612	0.001
30	16	0.600	0.600	0.000
30	17	0.601	0.600	-0.001
30	18	0.601	0.601	0.000
30	19	0.600	0.600	0.000
30	20	0.604	0.606	0.002
55	21	0.608	0.610	0.002
55	22	0.606	0.605	-0.001
55	23	0.606	0.606	0.000
55	24	0.605	0.606	0.001
55	25	0.600	0.600	0.000
55	26	0.604	0.603	-0.001
55	27	0.603	0.603	0.000
55	28	0.603	0.603	0.000
55	29	0.599	0.599	0.000
55	30	0.605	0.606	0.001
55	31	0.603	0.604	0.001
55	32	0.595	0.598	0.003
55	33	0.603	0.603	0.000
55	34	0.601	0.601	0.000
55	35	0.599	0.599	0.000
55	36	0.613	0.613	0.000
55	37	0.614	0.614	0.000
55	38	0.612	0.613	0.001
55	39	0.609	0.611	0.002
55	40	0.610	0.610	0.000
55	41	0.608	0.609	0.001
55	42	0.603	0.604	0.001
50	43	0.603	0.606	0.003
50	44	0.603	0.601	-0.002
50	45	0.606	0.606	0.000
50	46	0.603	0.602	-0.001
50	47	0.607	0.607	0.000
	Max	0.619	0.622	0.003
	Average	0.604	0.605	0.000
	Min	0.594	0.593	-0.003
	Std Dev	0.005	0.006	0.001

12.10_V_FAULT_RISE_14V							
Test Site							
Tester							
Test Number							
Max Limit	0.63	V					
Min Limit	0.57	V					
krad(Si)	0	20	25	30	35	50	55
LL	0.570	0.570	0.570	0.570	0.570	0.570	0.570
Min	0.622	0.594	0.593	0.600	0.598	0.601	0.598
Average	0.622	0.603	0.601	0.601	0.607	0.604	0.605
Max	0.622	0.610	0.609	0.606	0.612	0.607	0.614
UL	0.630	0.630	0.630	0.630	0.630	0.630	0.630



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

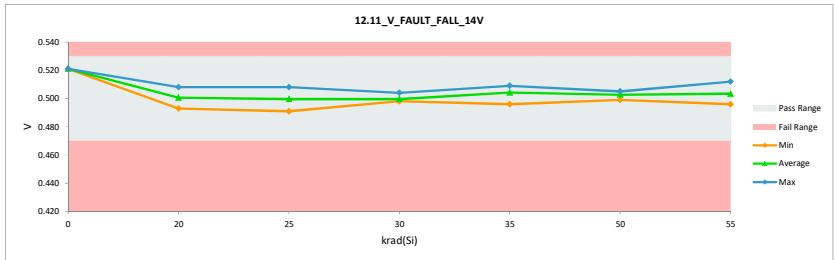
12.11_V_FAULT_FALL_14V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.53
Min Limit	0.47



krad(Si)	Serial #	5008_SEP_Pre	HDR	5008_SEP_Post	HDR	Delta
0	48	0.518		0.521		0.003
25	1	0.508		0.508		0.000
25	2	0.495		0.495		0.000
25	3	0.493		0.491		-0.002
25	4	0.504		0.504		0.000
25	5	0.498		0.500		0.002
20	6	0.502		0.501		-0.001
20	7	0.504		0.505		0.001
20	8	0.510		0.508		-0.002
20	9	0.498		0.496		-0.002
20	10	0.492		0.493		0.001
35	11	0.494		0.496		0.002
35	12	0.504		0.505		0.001
35	13	0.505		0.504		-0.001
35	14	0.508		0.507		-0.001
35	15	0.509		0.509		0.000
30	16	0.498		0.498		0.000
30	17	0.499		0.498		-0.001
30	18	0.499		0.499		0.000
30	19	0.498		0.499		0.001
30	20	0.502		0.504		0.002
55	21	0.506		0.507		0.001
55	22	0.504		0.503		-0.001
55	23	0.503		0.503		0.000
55	24	0.503		0.504		0.001
55	25	0.498		0.499		0.001
55	26	0.502		0.500		-0.002
55	27	0.501		0.501		0.000
55	28	0.501		0.500		-0.001
55	29	0.497		0.497		0.000
55	30	0.503		0.504		0.001
55	31	0.501		0.502		0.001
55	32	0.493		0.496		0.003
55	33	0.500		0.501		0.001
55	34	0.498		0.499		0.001
55	35	0.497		0.497		0.000
55	36	0.511		0.512		0.001
55	37	0.512		0.512		0.000
55	38	0.510		0.511		0.001
55	39	0.507		0.509		0.002
55	40	0.507		0.507		0.000
55	41	0.507		0.508		0.001
55	42	0.501		0.503		0.002
50	43	0.501		0.504		0.003
50	44	0.501		0.499		-0.002
50	45	0.504		0.504		0.000
50	46	0.502		0.501		-0.001
50	47	0.505		0.505		0.000
	Max	0.518		0.521		0.003
	Average	0.502		0.503		0.000
	Min	0.492		0.491		-0.002
	Std Dev	0.005		0.006		0.001

12.11_V_FAULT_FALL_14V	
Test Site	
Tester	
Test Number	
Max Limit	0.53
Min Limit	0.47

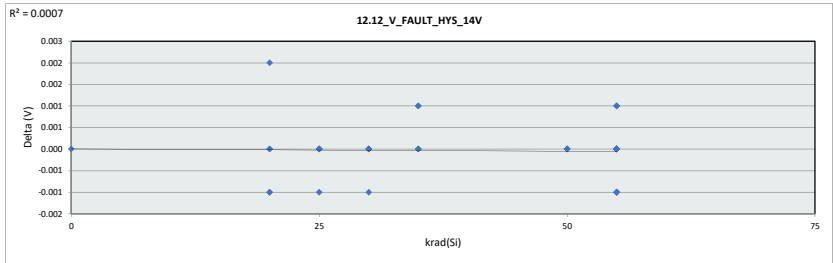
krad(Si)	0	20	25	30	35	50	55
LL	0.470	0.470	0.470	0.470	0.470	0.470	0.470
Min	0.521	0.493	0.491	0.498	0.496	0.499	0.496
Average	0.521	0.501	0.500	0.500	0.504	0.503	0.503
Max	0.521	0.508	0.508	0.504	0.509	0.505	0.512
UL	0.530	0.530	0.530	0.530	0.530	0.530	0.530



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

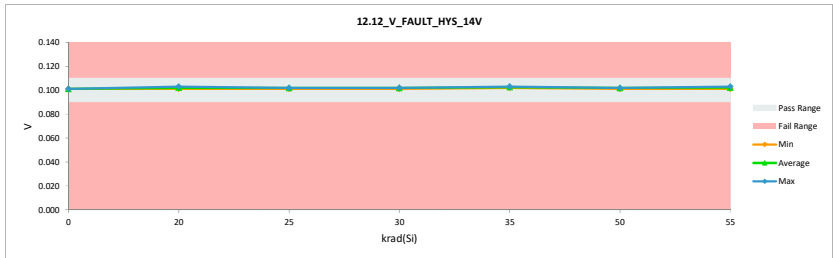
12.12_V_FAULT_HYS_14V	
Test Site	
Tester	
Test Number	
Unit	V V
Max Limit	0.11 0.11
Min Limit	0.09 0.09

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.101	0.101	0.000
25	1	0.102	0.101	-0.001
25	2	0.102	0.102	0.000
25	3	0.102	0.102	0.000
25	4	0.102	0.102	0.000
25	5	0.102	0.102	0.000
20	6	0.102	0.102	0.000
20	7	0.102	0.102	0.000
20	8	0.103	0.102	-0.001
20	9	0.101	0.103	0.002
20	10	0.102	0.101	-0.001
35	11	0.102	0.102	0.000
35	12	0.102	0.102	0.000
35	13	0.102	0.103	0.001
35	14	0.102	0.102	0.000
35	15	0.102	0.103	0.001
30	16	0.102	0.102	0.000
30	17	0.102	0.102	0.000
30	18	0.102	0.102	0.000
30	19	0.102	0.101	-0.001
30	20	0.102	0.102	0.000
55	21	0.102	0.103	0.001
55	22	0.102	0.102	0.000
55	23	0.103	0.103	0.000
55	24	0.102	0.102	0.000
55	25	0.102	0.101	-0.001
55	26	0.102	0.103	0.001
55	27	0.102	0.102	0.000
55	28	0.102	0.103	0.001
55	29	0.102	0.102	0.000
55	30	0.102	0.102	0.000
55	31	0.102	0.102	0.000
55	32	0.102	0.102	0.000
55	33	0.103	0.102	-0.001
55	34	0.103	0.102	-0.001
55	35	0.102	0.102	0.000
55	36	0.102	0.101	-0.001
55	37	0.102	0.102	0.000
55	38	0.102	0.102	0.000
55	39	0.102	0.102	0.000
55	40	0.103	0.103	0.000
55	41	0.101	0.101	0.000
55	42	0.102	0.101	-0.001
50	43	0.102	0.102	0.000
50	44	0.102	0.102	0.000
50	45	0.102	0.102	0.000
50	46	0.101	0.101	0.000
50	47	0.102	0.102	0.000
Max		0.103	0.103	0.002
Average		0.102	0.102	0.000
Min		0.101	0.101	-0.001
Std Dev		0.000	0.001	0.001



12.12_V_FAULT_HYS_14V	
Test Site	
Tester	
Test Number	
Max Limit	0.11 V
Min Limit	0.09 V

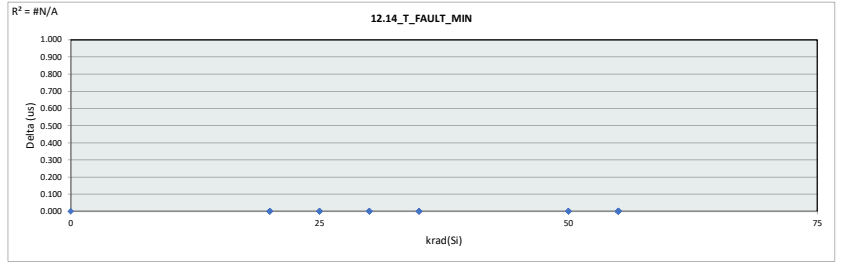
krad(Si)	0	20	25	30	35	50	55
LL	0.090	0.090	0.090	0.090	0.090	0.090	0.090
Min	0.101	0.101	0.101	0.101	0.102	0.101	0.101
Average	0.101	0.102	0.102	0.102	0.102	0.102	0.102
Max	0.101	0.103	0.102	0.102	0.103	0.102	0.103
UL	0.110	0.110	0.110	0.110	0.110	0.110	0.110



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

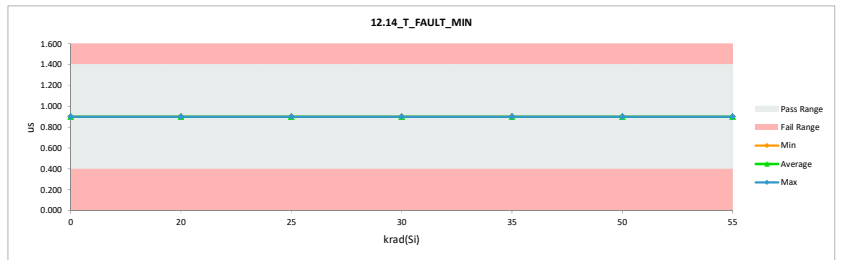
12.14_T_FAULT_MIN	
Test Site	
Tester	
Test Number	
Unit	us us
Max Limit	1.2 1.4
Min Limit	0.6 0.4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	0.900	0.900	0.000
25	1	0.900	0.900	0.000
25	2	0.900	0.900	0.000
25	3	0.900	0.900	0.000
25	4	0.900	0.900	0.000
25	5	0.900	0.900	0.000
20	6	0.900	0.900	0.000
20	7	0.900	0.900	0.000
20	8	0.900	0.900	0.000
20	9	0.900	0.900	0.000
20	10	0.900	0.900	0.000
35	11	0.900	0.900	0.000
35	12	0.900	0.900	0.000
35	13	0.900	0.900	0.000
35	14	0.900	0.900	0.000
35	15	0.900	0.900	0.000
30	16	0.900	0.900	0.000
30	17	0.900	0.900	0.000
30	18	0.900	0.900	0.000
30	19	0.900	0.900	0.000
30	20	0.900	0.900	0.000
55	21	0.900	0.900	0.000
55	22	0.900	0.900	0.000
55	23	0.900	0.900	0.000
55	24	0.900	0.900	0.000
55	25	0.900	0.900	0.000
55	26	0.900	0.900	0.000
55	27	0.900	0.900	0.000
55	28	0.900	0.900	0.000
55	29	0.900	0.900	0.000
55	30	0.900	0.900	0.000
55	31	0.900	0.900	0.000
55	32	0.900	0.900	0.000
55	33	0.900	0.900	0.000
55	34	0.900	0.900	0.000
55	35	0.900	0.900	0.000
55	36	0.900	0.900	0.000
55	37	0.900	0.900	0.000
55	38	0.900	0.900	0.000
55	39	0.900	0.900	0.000
55	40	0.900	0.900	0.000
55	41	0.900	0.900	0.000
55	42	0.900	0.900	0.000
50	43	0.900	0.900	0.000
50	44	0.900	0.900	0.000
50	45	0.900	0.900	0.000
50	46	0.900	0.900	0.000
50	47	0.900	0.900	0.000
Max		0.900	0.900	0.000
Average		0.900	0.900	0.000
Min		0.900	0.900	0.000
Std Dev		0.000	0.000	0.000



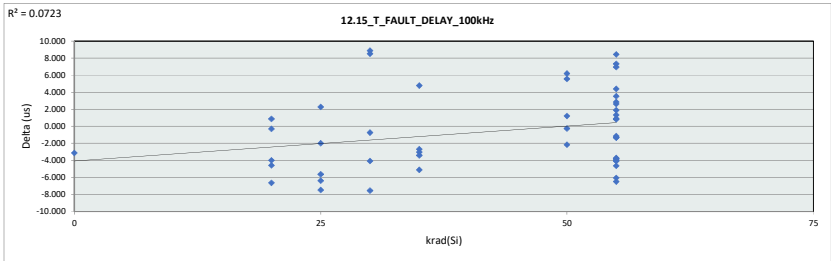
12.14_T_FAULT_MIN	
Test Site	
Tester	
Test Number	
Max Limit	1.4 us
Min Limit	0.4 us

krad(Si)	0	20	25	30	35	50	55
LL	0.400	0.400	0.400	0.400	0.400	0.400	0.400
Min	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Average	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Max	0.900	0.900	0.900	0.900	0.900	0.900	0.900
UL	1.400	1.400	1.400	1.400	1.400	1.400	1.400



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

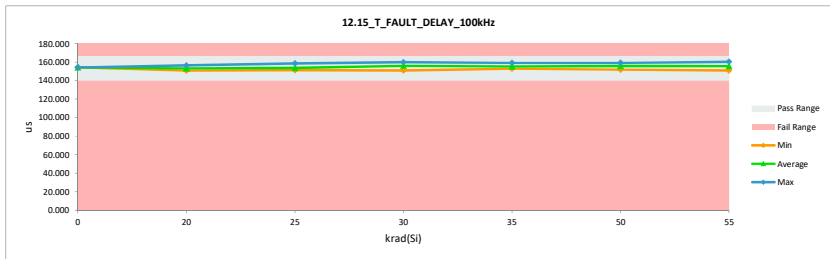
12.15_T_FAULT_DELAY_100kHz	
Test Site	
Tester	
Test Number	
Unit	us
Max Limit	166
Min Limit	140



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	157.400	154.263	-3.137
25	1	157.604	151.213	-6.391
25	2	156.060	154.069	-1.991
25	3	157.764	152.136	-5.628
25	4	156.225	158.482	2.257
25	5	159.932	152.451	-7.481
20	6	158.546	153.952	-4.594
20	7	156.828	152.825	-4.003
20	8	155.583	156.437	0.854
20	9	157.281	150.641	-6.640
20	10	152.568	152.251	-0.317
35	11	160.303	157.615	-2.688
35	12	155.837	152.793	-3.044
35	13	157.161	153.750	-3.411
35	14	154.425	159.201	4.776
35	15	158.354	153.234	-5.120
30	16	159.009	154.931	-4.078
30	17	158.415	150.866	-7.549
30	18	154.950	154.212	-0.738
30	19	150.989	159.869	8.880
30	20	151.221	159.733	8.512
55	21	154.719	159.096	4.377
55	22	151.414	158.740	7.326
55	23	157.774	153.704	-4.070
55	24	154.779	155.614	0.835
55	25	157.072	153.335	-3.737
55	26	155.108	153.957	-1.151
55	27	158.251	152.191	-6.060
55	28	159.421	155.357	-4.064
55	29	150.591	154.114	3.523
55	30	157.547	153.730	-3.817
55	31	158.071	156.747	-1.324
55	32	158.441	153.801	-4.640
55	33	157.666	160.279	2.613
55	34	157.852	159.173	1.321
55	35	154.420	156.310	1.890
55	36	157.723	151.237	-6.486
55	37	159.248	160.146	0.898
55	38	156.818	152.985	-3.833
55	39	150.669	157.617	6.948
55	40	152.258	150.916	-1.342
55	41	151.250	159.670	8.420
55	42	152.065	154.911	2.846
50	43	153.579	159.132	5.553
50	44	158.846	156.682	-2.164
50	45	153.849	153.591	-0.258
50	46	151.974	158.157	6.183
50	47	150.562	151.765	1.203
	Max	160.303	160.279	8.880
	Average	155.800	155.164	-0.636
	Min	150.562	150.641	-7.549
	Std Dev	2.879	2.934	4.602

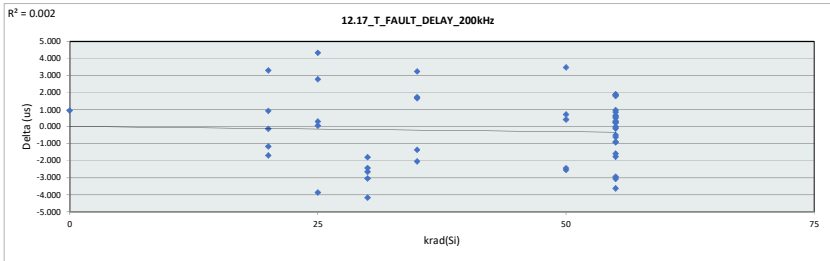
12.15_T_FAULT_DELAY_100kHz	
Test Site	
Tester	
Test Number	
Max Limit	166 us
Min Limit	140 us

krad(Si)	0	20	25	30	35	50	55
LL	140.000	140.000	140.000	140.000	140.000	140.000	140.000
Min	154.263	150.641	151.213	150.866	152.793	151.765	150.916
Average	154.263	153.221	153.670	155.922	155.319	155.865	155.620
Max	154.263	156.437	158.482	159.869	159.201	159.132	160.279
UL	166.000	166.000	166.000	166.000	166.000	166.000	166.000



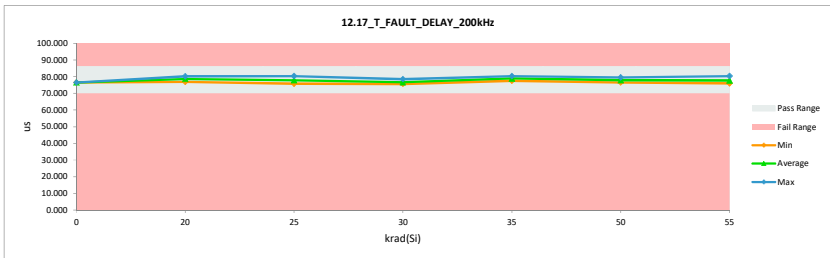
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

12.17_T_FAULT_DELAY_200kHz	
Test Site	
Tester	
Test Number	
Unit	us us
Max Limit	86 86
Min Limit	66 70



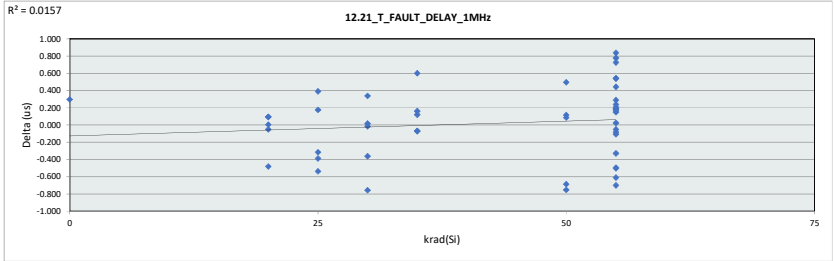
krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	75.539	76.473	0.934
25	1	76.037	80.366	4.329
25	2	76.253	76.548	0.295
25	3	79.657	75.780	-3.877
25	4	77.615	77.666	0.051
25	5	76.000	78.774	2.774
20	6	76.016	76.936	0.920
20	7	80.126	78.424	-1.702
20	8	76.927	80.224	3.297
20	9	79.263	78.091	-1.172
20	10	79.336	79.199	-0.137
35	11	76.873	80.110	3.237
35	12	76.801	78.526	1.725
35	13	78.893	77.522	-1.371
35	14	78.610	80.268	1.658
35	15	80.215	78.165	-2.050
30	16	79.279	76.232	-3.047
30	17	80.283	76.105	-4.178
30	18	79.368	76.928	-2.440
30	19	80.313	78.510	-1.803
30	20	78.294	75.633	-2.661
55	21	79.497	79.711	0.214
55	22	78.517	80.382	1.865
55	23	75.745	76.710	0.965
55	24	79.068	75.993	-3.075
55	25	78.740	76.974	-1.766
55	26	75.858	76.119	0.261
55	27	78.248	77.334	-0.914
55	28	78.602	79.446	0.844
55	29	76.331	76.221	-0.110
55	30	79.606	79.102	-0.504
55	31	79.915	79.002	-0.913
55	32	77.279	77.929	0.650
55	33	79.619	76.659	-2.960
55	34	77.030	77.010	-0.020
55	35	76.125	76.440	0.315
55	36	77.409	76.792	-0.617
55	37	76.830	78.720	1.890
55	38	79.565	80.075	0.510
55	39	79.570	75.938	-3.632
55	40	75.683	77.480	1.797
55	41	79.352	79.924	0.572
55	42	78.406	76.810	-1.596
50	43	79.936	77.382	-2.554
50	44	75.455	78.924	3.469
50	45	79.119	79.524	0.405
50	46	75.740	76.447	0.707
50	47	79.783	77.342	-2.441
	Max	80.313	80.382	4.329
	Average	78.098	77.851	-0.247
	Min	75.455	75.633	-4.178
	Std Dev	1.598	1.462	2.055

12.17_T_FAULT_DELAY_200kHz								
Test Site								
Tester								
Test Number								
Max Limit	86	us						
Min Limit	70	us						
krad(Si)	0	20	25	30	35	50	55	
LL	70.000	70.000	70.000	70.000	70.000	70.000	70.000	
Min	76.473	76.936	75.780	75.633	77.522	76.447	75.938	
Average	76.473	78.575	77.827	76.682	78.918	77.924	77.762	
Max	76.473	80.224	80.366	78.510	80.268	79.524	80.382	
UL	86.000	86.000	86.000	86.000	86.000	86.000	86.000	



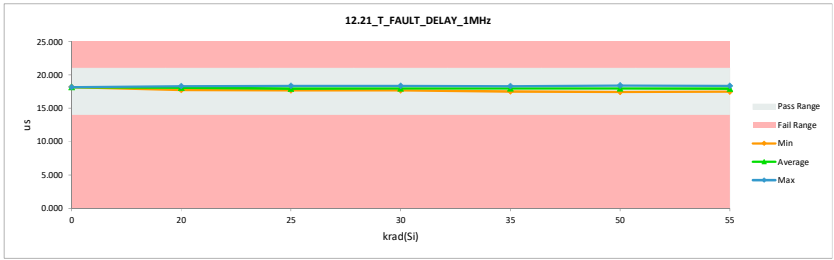
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

12.21_T_FAULT_DELAY_1MHZ		
Test Site		
Tester		
Test Number		
Unit	us	us
Max Limit	21	21
Min Limit	14	14



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	17.863	18.158	0.295
25	1	18.042	17.651	-0.391
25	2	18.271	17.953	-0.318
25	3	17.701	18.088	0.387
25	4	18.195	17.654	-0.541
25	5	18.184	18.357	0.173
20	6	18.214	17.731	-0.483
20	7	18.110	18.058	-0.052
20	8	18.308	18.309	0.001
20	9	18.207	18.298	0.091
20	10	17.903	17.994	0.091
35	11	17.587	17.514	-0.073
35	12	17.712	18.310	0.598
35	13	18.343	18.272	-0.071
35	14	18.095	18.253	0.158
35	15	17.460	17.578	0.118
30	16	18.267	17.903	-0.364
30	17	18.411	17.651	-0.760
30	18	17.814	17.796	-0.018
30	19	18.320	18.335	0.015
30	20	17.838	18.173	0.335
55	21	18.016	17.962	-0.054
55	22	17.662	17.948	0.286
55	23	17.662	17.867	0.205
55	24	17.659	17.894	0.235
55	25	17.896	17.811	-0.085
55	26	17.596	18.320	0.724
55	27	18.238	17.739	-0.499
55	28	18.026	18.173	0.147
55	29	17.585	18.122	0.537
55	30	17.600	18.039	0.439
55	31	17.594	18.134	0.540
55	32	18.076	17.463	-0.613
55	33	18.189	17.487	-0.702
55	34	18.031	17.526	-0.505
55	35	17.545	17.714	0.169
55	36	17.461	18.236	0.775
55	37	18.071	17.739	-0.332
55	38	18.248	18.269	0.021
55	39	17.493	18.328	0.835
55	40	17.929	18.117	0.188
55	41	17.543	17.724	0.181
55	42	18.073	17.964	-0.109
50	43	18.204	17.450	-0.754
50	44	17.909	18.403	0.494
50	45	18.430	17.740	-0.690
50	46	18.221	18.304	0.083
50	47	17.882	17.995	0.113
	Max	18.430	18.403	0.835
	Average	17.952	17.969	0.017
	Min	17.460	17.450	-0.760
	Std Dev	0.287	0.283	0.412

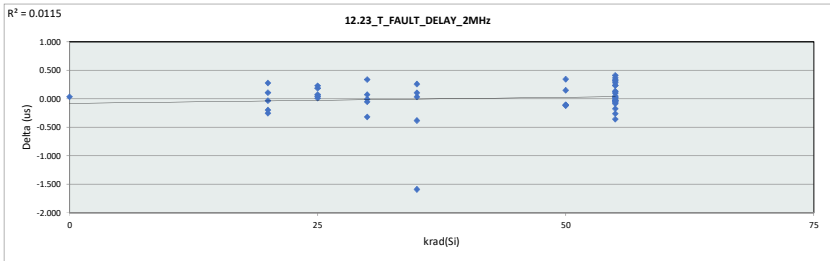
12.21_T_FAULT_DELAY_1MHZ							
Test Site							
Tester							
Test Number							
Max Limit	21	us					
Min Limit	14	us					
krad(Si)	0	20	25	30	35	50	55
LL	14.000	14.000	14.000	14.000	14.000	14.000	14.000
Min	18.158	17.731	17.651	17.651	17.514	17.450	17.463
Average	18.158	18.078	17.941	17.972	17.985	17.978	17.935
Max	18.158	18.309	18.357	18.335	18.310	18.403	18.328
UL	21.000	21.000	21.000	21.000	21.000	21.000	21.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

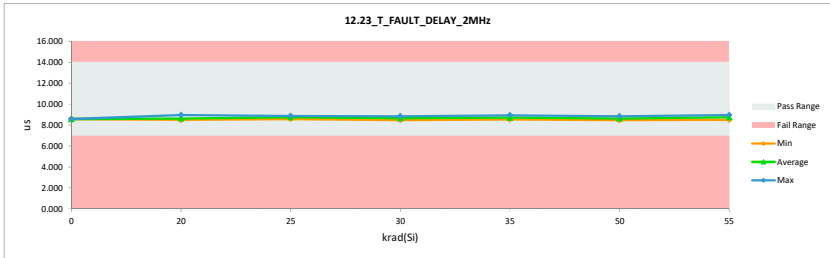
12.23_T_FAULT_DELAY_2MHz	
Test Site	
Tester	
Test Number	
Unit	us
Max Limit	14
Min Limit	7

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.546	8.579	0.033
25	1	8.639	8.864	0.225
25	2	8.743	8.815	0.072
25	3	8.461	8.643	0.182
25	4	8.725	8.766	0.041
25	5	8.560	8.568	0.008
20	6	8.687	8.487	-0.200
20	7	8.599	8.563	-0.036
20	8	8.764	8.507	-0.257
20	9	8.466	8.569	0.103
20	10	8.672	8.947	0.275
35	11	10.111	8.519	-1.592
35	12	8.685	8.939	0.254
35	13	8.906	8.521	-0.385
35	14	8.587	8.687	0.100
35	15	8.904	8.934	0.030
30	16	8.573	8.641	0.068
30	17	8.492	8.825	0.333
30	18	8.852	8.530	-0.322
30	19	8.484	8.474	-0.010
30	20	8.847	8.789	-0.058
55	21	8.768	8.861	0.093
55	22	8.593	8.521	-0.072
55	23	8.554	8.864	0.310
55	24	8.538	8.946	0.408
55	25	8.614	8.732	0.118
55	26	8.898	8.537	-0.361
55	27	8.758	8.733	-0.025
55	28	8.830	8.845	0.015
55	29	8.588	8.538	-0.050
55	30	8.629	8.908	0.279
55	31	8.704	8.834	0.130
55	32	8.910	8.645	-0.265
55	33	8.779	8.822	0.043
55	34	8.556	8.789	0.233
55	35	8.585	8.948	0.363
55	36	8.695	8.517	-0.178
55	37	8.665	8.674	0.009
55	38	8.531	8.494	-0.037
55	39	8.764	8.728	-0.036
55	40	8.604	8.936	0.332
55	41	8.632	8.861	0.229
55	42	8.777	8.688	-0.089
50	43	8.686	8.566	-0.120
50	44	8.573	8.462	-0.111
50	45	8.681	8.567	-0.114
50	46	8.512	8.658	0.146
50	47	8.494	8.834	0.340
	Max	10.111	8.948	0.408
	Average	8.692	8.702	0.009
	Min	8.461	8.462	-1.592
	Std Dev	0.244	0.159	0.307



12.23_T_FAULT_DELAY_2MHz	
Test Site	
Tester	
Test Number	
Max Limit	14 us
Min Limit	7 us

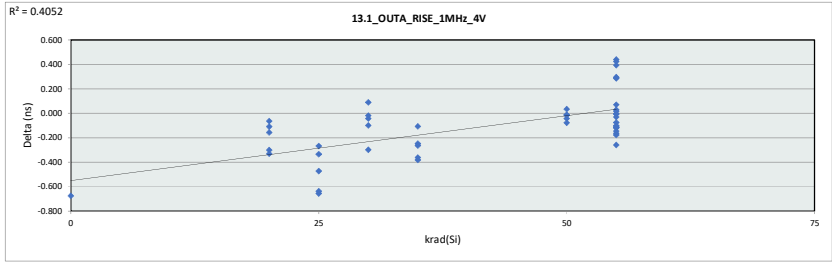
krad(Si)	0	20	25	30	35	50	55
LL	7.000	7.000	7.000	7.000	7.000	7.000	7.000
Min	8.579	8.487	8.568	8.474	8.519	8.462	8.494
Average	8.579	8.615	8.731	8.652	8.720	8.617	8.746
Max	8.579	8.947	8.864	8.825	8.939	8.834	8.948
UL	14.000	14.000	14.000	14.000	14.000	14.000	14.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

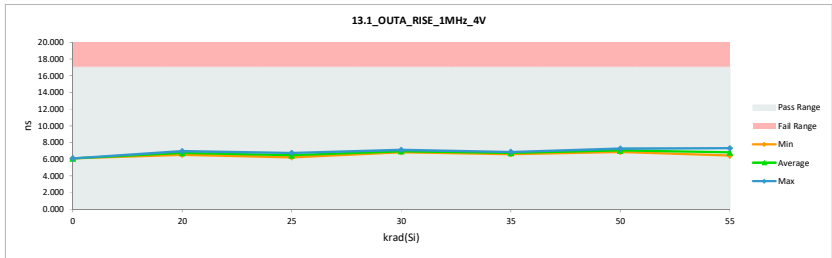
13.1_OUTA_RISE_1MHZ_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.773	6.096	-0.677
25	1	6.917	6.260	-0.657
25	2	6.877	6.239	-0.638
25	3	7.085	6.750	-0.335
25	4	7.099	6.625	-0.474
25	5	6.820	6.551	-0.269
20	6	6.688	6.530	-0.158
20	7	6.973	6.671	-0.302
20	8	7.067	6.957	-0.110
20	9	7.034	6.702	-0.332
20	10	6.920	6.856	-0.064
35	11	7.127	6.764	-0.363
35	12	6.844	6.736	-0.108
35	13	6.875	6.626	-0.249
35	14	6.995	6.730	-0.265
35	15	7.263	6.880	-0.383
30	16	6.985	6.941	-0.044
30	17	7.131	6.831	-0.300
30	18	6.984	6.884	-0.100
30	19	6.903	6.992	0.089
30	20	7.131	7.112	-0.019
55	21	7.048	6.883	-0.165
55	22	6.828	7.251	0.423
55	23	6.688	6.585	-0.103
55	24	6.610	6.431	-0.179
55	25	6.846	6.586	-0.260
55	26	6.804	7.243	0.439
55	27	6.860	6.741	-0.119
55	28	6.799	6.683	-0.116
55	29	6.920	7.209	0.289
55	30	6.636	6.524	-0.112
55	31	6.581	6.597	0.016
55	32	6.642	6.496	-0.146
55	33	6.733	6.702	-0.031
55	34	6.677	6.705	0.028
55	35	6.505	6.429	-0.076
55	36	6.807	6.687	-0.120
55	37	6.783	7.078	0.295
55	38	6.923	7.316	0.393
55	39	6.798	7.083	0.285
55	40	6.830	6.823	-0.007
55	41	6.935	7.004	0.069
55	42	7.049	7.043	-0.006
50	43	6.889	6.873	-0.016
50	44	7.053	7.087	0.034
50	45	7.305	7.261	-0.044
50	46	7.060	7.047	-0.013
50	47	7.138	7.060	-0.078
	Max	7.305	7.316	0.439
	Average	6.901	6.795	-0.106
	Min	6.505	6.096	-0.677
	Std Dev	0.178	0.280	0.251



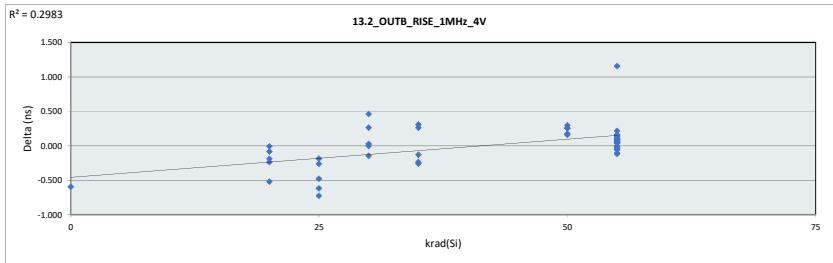
13.1_OUTA_RISE_1MHZ_4V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.096	6.530	6.239	6.831	6.626	6.873	6.429
Average	6.096	6.743	6.485	6.952	6.747	7.066	6.823
Max	6.096	6.957	6.750	7.112	6.880	7.261	7.316
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

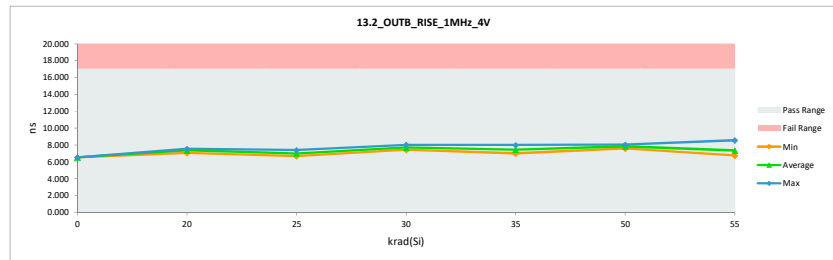
13.2_OUTB_RISE_1MHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.129	6.538	-0.591
25	1	7.393	6.674	-0.719
25	2	7.408	6.795	-0.613
25	3	7.541	7.067	-0.474
25	4	7.647	7.390	-0.257
25	5	7.195	7.014	-0.181
20	6	7.272	7.040	-0.232
20	7	7.543	7.541	-0.002
20	8	7.721	7.537	-0.184
20	9	7.820	7.303	-0.517
20	10	7.545	7.468	-0.077
35	11	7.582	7.352	-0.230
35	12	7.292	7.167	-0.125
35	13	7.254	7.001	-0.253
35	14	7.430	7.743	0.313
35	15	7.732	8.001	0.269
30	16	7.553	7.822	0.269
30	17	7.566	7.426	-0.140
30	18	7.551	8.017	0.466
30	19	7.440	7.442	0.002
30	20	7.714	7.748	0.034
55	21	7.537	7.513	-0.024
55	22	7.399	8.562	1.163
55	23	7.128	7.015	-0.113
55	24	7.006	6.955	-0.051
55	25	7.234	7.286	0.052
55	26	7.433	7.521	0.088
55	27	7.356	7.448	0.092
55	28	7.253	7.343	0.090
55	29	7.367	7.429	0.062
55	30	7.043	7.086	0.043
55	31	7.026	7.116	0.090
55	32	7.034	7.143	0.109
55	33	7.235	7.236	0.001
55	34	7.068	7.037	-0.031
55	35	6.849	6.745	-0.104
55	36	7.106	7.166	0.060
55	37	7.245	7.411	0.166
55	38	7.349	7.502	0.153
55	39	7.263	7.400	0.137
55	40	7.274	7.495	0.221
55	41	7.417	7.470	0.053
55	42	7.575	7.689	0.114
50	43	7.419	7.584	0.165
50	44	7.606	7.910	0.304
50	45	7.792	8.053	0.261
50	46	7.500	7.762	0.262
50	47	7.714	7.897	0.183
	Max	7.820	8.562	1.163
	Average	7.387	7.393	0.006
	Min	6.849	6.538	-0.719
	Std Dev	0.231	0.394	0.306

13.2_OUTB_RISE_1MHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

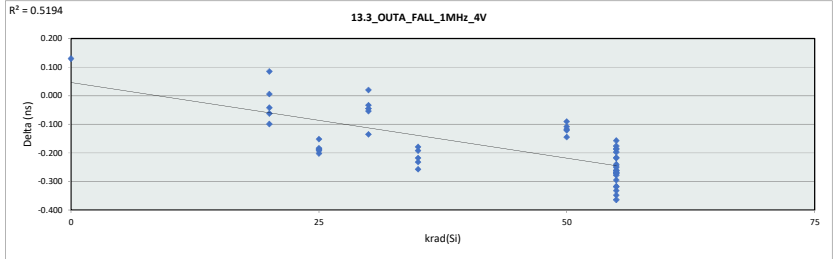
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.538	7.040	6.674	7.426	7.001	7.584	6.745
Average	6.538	7.378	6.988	7.691	7.453	7.841	7.344
Max	6.538	7.541	7.390	8.017	8.001	8.053	8.562
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



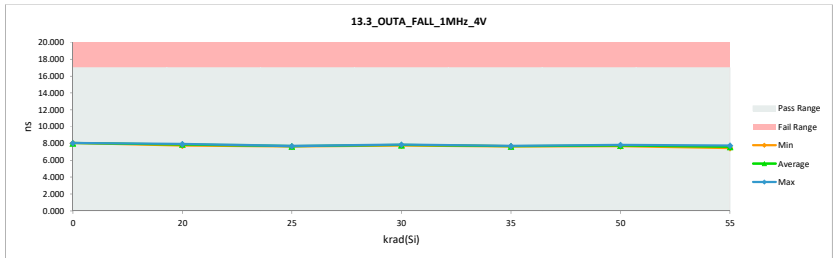
HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

13.3_OUTA_FALL_1MHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.935	8.066	0.131
25	1	7.890	7.703	-0.187
25	2	7.883	7.692	-0.191
25	3	7.851	7.700	-0.151
25	4	7.879	7.696	-0.183
25	5	7.857	7.656	-0.201
20	6	7.816	7.775	-0.041
20	7	7.858	7.865	0.007
20	8	7.991	7.893	-0.098
20	9	7.987	7.926	-0.061
20	10	7.867	7.953	0.086
35	11	7.934	7.703	-0.231
35	12	7.838	7.660	-0.178
35	13	7.879	7.688	-0.191
35	14	7.939	7.722	-0.217
35	15	7.914	7.658	-0.256
30	16	7.884	7.852	-0.032
30	17	7.924	7.790	-0.134
30	18	7.904	7.860	-0.044
30	19	7.862	7.883	0.021
30	20	7.860	7.807	-0.053
55	21	7.960	7.597	-0.363
55	22	7.925	7.709	-0.216
55	23	7.891	7.620	-0.271
55	24	7.884	7.615	-0.269
55	25	7.936	7.669	-0.267
55	26	7.905	7.730	-0.175
55	27	7.919	7.680	-0.239
55	28	7.850	7.534	-0.316
55	29	7.982	7.765	-0.217
55	30	7.825	7.565	-0.260
55	31	7.822	7.577	-0.245
55	32	7.773	7.479	-0.294
55	33	7.843	7.581	-0.262
55	34	7.930	7.583	-0.347
55	35	7.928	7.611	-0.317
55	36	7.841	7.591	-0.250
55	37	7.766	7.580	-0.186
55	38	7.800	7.644	-0.156
55	39	7.870	7.685	-0.185
55	40	7.853	7.522	-0.331
55	41	7.832	7.555	-0.277
55	42	7.856	7.660	-0.196
50	43	7.934	7.827	-0.107
50	44	7.792	7.676	-0.116
50	45	7.856	7.712	-0.144
50	46	7.935	7.846	-0.089
50	47	7.902	7.782	-0.120
	Max	7.991	8.066	0.131
	Average	7.883	7.707	-0.175
	Min	7.766	7.479	-0.363
	Std Dev	0.053	0.125	0.110



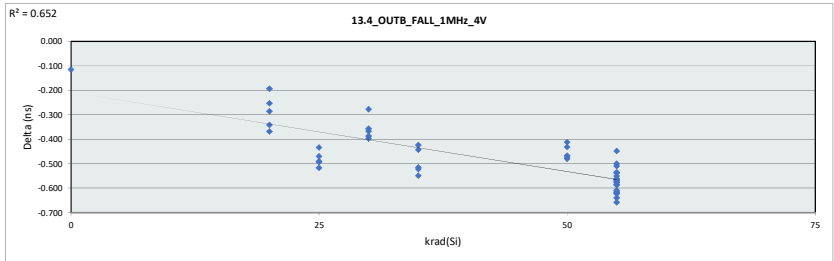
13.3_OUTA_FALL_1MHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

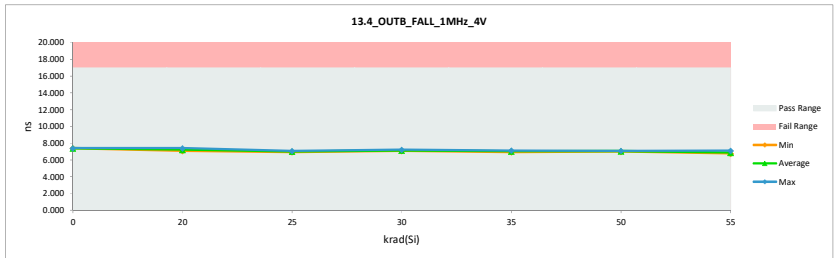
13.4_OUTB_FALL_1MHz_4V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.529	7.415	-0.114
25	1	7.571	7.079	-0.492
25	2	7.516	7.000	-0.516
25	3	7.485	6.995	-0.490
25	4	7.499	7.066	-0.433
25	5	7.425	6.956	-0.469
20	6	7.428	7.087	-0.341
20	7	7.487	7.202	-0.285
20	8	7.677	7.425	-0.252
20	9	7.590	7.223	-0.367
20	10	7.456	7.263	-0.193
35	11	7.547	7.033	-0.514
35	12	7.497	6.949	-0.548
35	13	7.524	7.003	-0.521
35	14	7.575	7.133	-0.442
35	15	7.560	7.137	-0.423
30	16	7.507	7.151	-0.356
30	17	7.547	7.151	-0.396
30	18	7.513	7.237	-0.276
30	19	7.477	7.091	-0.386
30	20	7.511	7.145	-0.366
55	21	7.599	7.031	-0.568
55	22	7.562	7.115	-0.447
55	23	7.478	6.859	-0.619
55	24	7.493	6.956	-0.537
55	25	7.484	6.920	-0.564
55	26	7.492	6.915	-0.577
55	27	7.537	7.028	-0.509
55	28	7.470	6.831	-0.639
55	29	7.560	6.997	-0.563
55	30	7.413	6.852	-0.561
55	31	7.380	6.772	-0.608
55	32	7.350	6.784	-0.566
55	33	7.400	6.782	-0.618
55	34	7.489	6.903	-0.586
55	35	7.537	6.880	-0.657
55	36	7.433	6.899	-0.534
55	37	7.404	6.905	-0.499
55	38	7.426	6.804	-0.622
55	39	7.487	6.873	-0.614
55	40	7.482	6.908	-0.574
55	41	7.495	6.910	-0.585
55	42	7.495	6.945	-0.550
50	43	7.569	7.097	-0.472
50	44	7.463	7.052	-0.411
50	45	7.482	7.003	-0.479
50	46	7.555	7.089	-0.466
50	47	7.506	7.075	-0.431
	Max	7.677	7.425	-0.114
	Average	7.499	7.019	-0.480
	Min	7.350	6.772	-0.657
	Std Dev	0.062	0.151	0.121



13.4_OUTB_FALL_1MHz_4V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

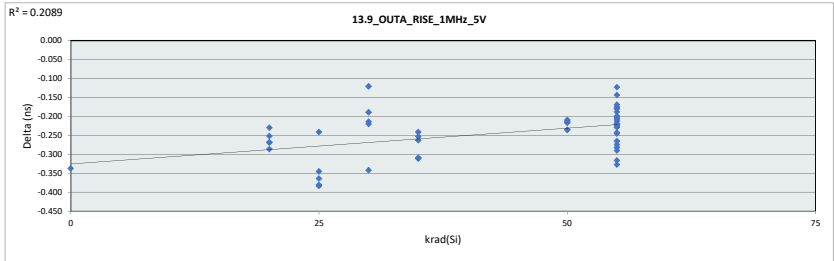
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.415	7.087	6.956	7.091	6.949	7.003	6.772
Average	7.415	7.240	7.019	7.155	7.051	7.063	6.903
Max	7.415	7.425	7.079	7.237	7.137	7.097	7.115
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

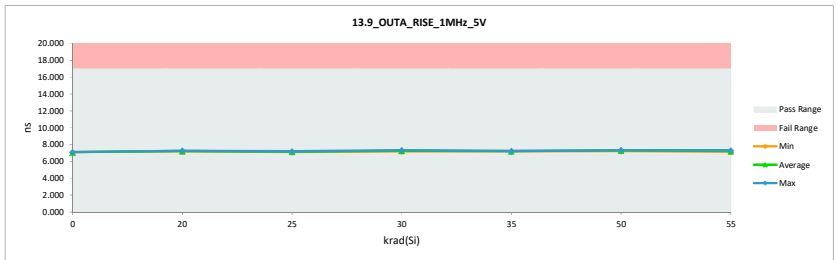
13.9_OUTA_RISE_1MHz_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.453	7.117	-0.336
25	1	7.509	7.127	-0.382
25	2	7.501	7.122	-0.379
25	3	7.519	7.156	-0.363
25	4	7.545	7.201	-0.344
25	5	7.459	7.219	-0.240
20	6	7.450	7.182	-0.268
20	7	7.501	7.234	-0.267
20	8	7.530	7.279	-0.251
20	9	7.534	7.249	-0.285
20	10	7.507	7.278	-0.229
35	11	7.498	7.188	-0.310
35	12	7.459	7.197	-0.262
35	13	7.489	7.249	-0.240
35	14	7.494	7.242	-0.252
35	15	7.548	7.240	-0.308
30	16	7.489	7.276	-0.213
30	17	7.534	7.193	-0.341
30	18	7.474	7.286	-0.188
30	19	7.459	7.339	-0.120
30	20	7.505	7.286	-0.219
55	21	7.534	7.208	-0.326
55	22	7.458	7.336	-0.122
55	23	7.436	7.192	-0.244
55	24	7.397	7.229	-0.168
55	25	7.454	7.139	-0.315
55	26	7.463	7.245	-0.218
55	27	7.460	7.232	-0.228
55	28	7.450	7.229	-0.221
55	29	7.480	7.279	-0.201
55	30	7.434	7.161	-0.273
55	31	7.408	7.202	-0.206
55	32	7.414	7.172	-0.242
55	33	7.447	7.183	-0.264
55	34	7.444	7.270	-0.174
55	35	7.392	7.168	-0.224
55	36	7.452	7.265	-0.187
55	37	7.442	7.263	-0.179
55	38	7.461	7.318	-0.143
55	39	7.462	7.264	-0.198
55	40	7.486	7.197	-0.289
55	41	7.490	7.279	-0.211
55	42	7.532	7.251	-0.281
50	43	7.470	7.254	-0.216
50	44	7.529	7.295	-0.234
50	45	7.561	7.326	-0.235
50	46	7.528	7.320	-0.208
50	47	7.559	7.347	-0.212
	Max	7.561	7.347	-0.212
	Average	7.481	7.235	-0.246
	Min	7.392	7.117	-0.382
	Std Dev	0.043	0.059	0.062



13.9_OUTA_RISE_1MHz_5V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

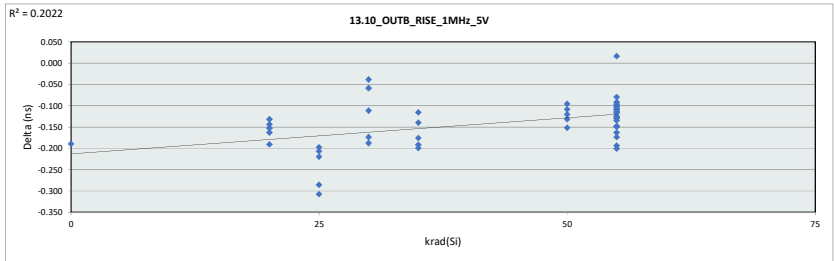
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.117	7.182	7.122	7.193	7.188	7.254	7.139
Average	7.117	7.244	7.165	7.276	7.223	7.308	7.231
Max	7.117	7.279	7.219	7.339	7.249	7.347	7.336
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

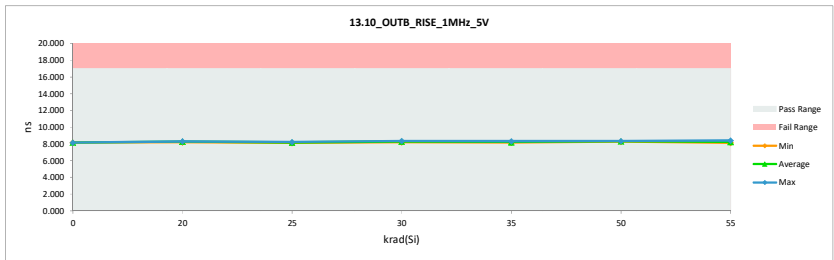
13.10_OUTB_RISE_1MHZ_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.345	8.156	-0.189
25	1	8.426	8.119	-0.307
25	2	8.414	8.129	-0.285
25	3	8.420	8.214	-0.206
25	4	8.445	8.226	-0.219
25	5	8.414	8.217	-0.197
20	6	8.391	8.201	-0.190
20	7	8.430	8.299	-0.131
20	8	8.437	8.294	-0.143
20	9	8.458	8.306	-0.152
20	10	8.441	8.279	-0.162
35	11	8.402	8.203	-0.199
35	12	8.370	8.195	-0.175
35	13	8.377	8.186	-0.191
35	14	8.403	8.264	-0.139
35	15	8.452	8.337	-0.115
30	16	8.402	8.344	-0.058
30	17	8.422	8.249	-0.173
30	18	8.408	8.370	-0.038
30	19	8.392	8.205	-0.187
30	20	8.437	8.326	-0.111
55	21	8.398	8.205	-0.193
55	22	8.391	8.408	0.017
55	23	8.378	8.205	-0.173
55	24	8.316	8.237	-0.079
55	25	8.357	8.249	-0.108
55	26	8.395	8.288	-0.107
55	27	8.395	8.261	-0.134
55	28	8.373	8.271	-0.102
55	29	8.400	8.304	-0.096
55	30	8.336	8.222	-0.114
55	31	8.357	8.248	-0.109
55	32	8.337	8.237	-0.100
55	33	8.374	8.260	-0.114
55	34	8.326	8.202	-0.124
55	35	8.290	8.162	-0.128
55	36	8.342	8.142	-0.200
55	37	8.354	8.205	-0.149
55	38	8.363	8.272	-0.091
55	39	8.358	8.229	-0.129
55	40	8.390	8.274	-0.116
55	41	8.401	8.254	-0.147
55	42	8.409	8.247	-0.162
50	43	8.412	8.281	-0.131
50	44	8.439	8.319	-0.120
50	45	8.437	8.342	-0.095
50	46	8.421	8.270	-0.151
50	47	8.447	8.339	-0.108
	Max	8.458	8.408	0.017
	Average	8.393	8.251	-0.142
	Min	8.290	8.119	-0.307
	Std Dev	0.039	0.063	0.057



13.10_OUTB_RISE_1MHZ_5V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

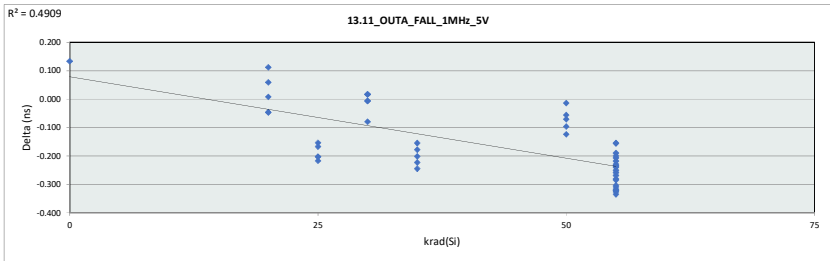
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.156	8.201	8.119	8.205	8.186	8.270	8.142
Average	8.156	8.276	8.181	8.299	8.237	8.310	8.245
Max	8.156	8.306	8.226	8.370	8.337	8.342	8.408
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

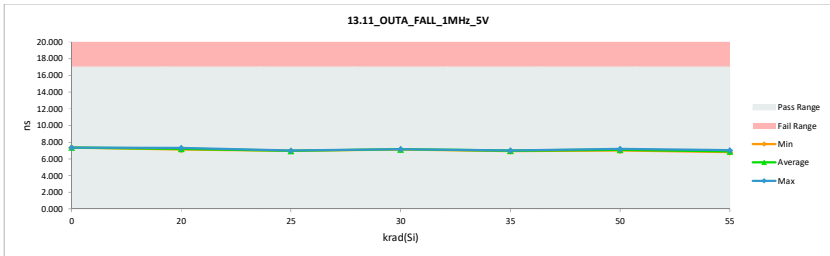
13.11_OUTA_FALL_1MHZ_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.227	7.361	0.134
25	1	7.171	6.969	-0.202
25	2	7.165	6.963	-0.202
25	3	7.141	6.975	-0.166
25	4	7.159	7.006	-0.153
25	5	7.178	6.962	-0.216
20	6	7.127	7.136	0.009
20	7	7.166	7.121	-0.045
20	8	7.258	7.318	0.060
20	9	7.286	7.240	-0.046
20	10	7.138	7.251	0.113
35	11	7.221	7.020	-0.201
35	12	7.127	6.950	-0.177
35	13	7.162	7.008	-0.154
35	14	7.217	6.995	-0.222
35	15	7.185	6.941	-0.244
30	16	7.168	7.163	-0.005
30	17	7.200	7.121	-0.079
30	18	7.185	7.179	-0.006
30	19	7.146	7.163	0.017
30	20	7.152	7.170	0.018
55	21	7.223	6.920	-0.303
55	22	7.189	7.035	-0.154
55	23	7.179	6.859	-0.320
55	24	7.175	6.936	-0.239
55	25	7.221	6.937	-0.284
55	26	7.193	6.987	-0.206
55	27	7.193	6.994	-0.199
55	28	7.151	6.817	-0.334
55	29	7.229	7.040	-0.189
55	30	7.131	6.898	-0.233
55	31	7.133	6.896	-0.237
55	32	7.117	6.837	-0.280
55	33	7.165	6.897	-0.268
55	34	7.223	6.907	-0.316
55	35	7.192	6.866	-0.326
55	36	7.145	6.823	-0.322
55	37	7.111	6.894	-0.217
55	38	7.090	6.935	-0.155
55	39	7.177	6.949	-0.228
55	40	7.147	6.839	-0.308
55	41	7.133	6.883	-0.250
55	42	7.177	6.919	-0.258
50	43	7.202	7.189	-0.013
50	44	7.097	7.027	-0.070
50	45	7.140	7.017	-0.123
50	46	7.240	7.185	-0.055
50	47	7.212	7.116	-0.096
	Max	7.286	7.361	0.134
	Average	7.174	7.013	-0.161
	Min	7.090	6.817	-0.334
	Std Dev	0.042	0.135	0.123



13.11_OUTA_FALL_1MHZ_5V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

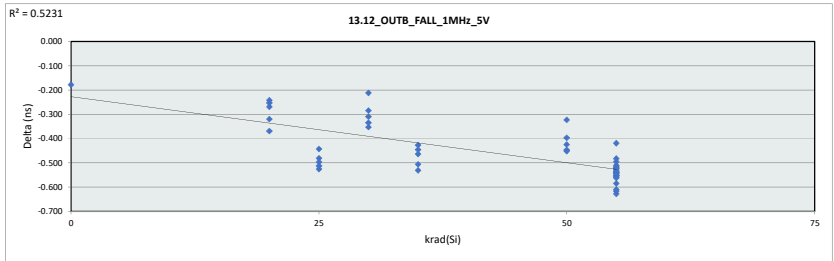
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.361	7.121	6.962	7.121	6.941	7.017	6.817
Average	7.361	7.213	6.975	7.159	6.983	7.107	6.912
Max	7.361	7.318	7.006	7.179	7.020	7.189	7.040
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

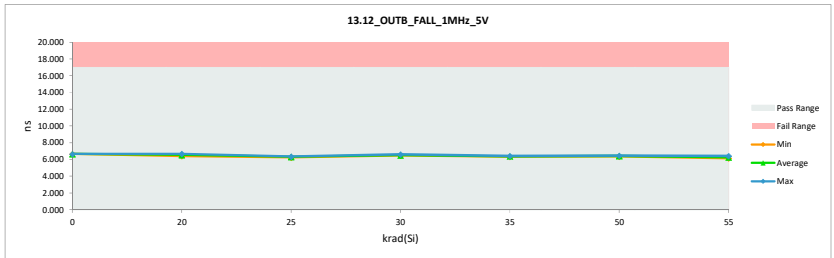
13.12_OUTB_FALL_1MHZ_5V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.844	6.667	-0.177
25	1	6.863	6.351	-0.512
25	2	6.808	6.328	-0.480
25	3	6.803	6.307	-0.496
25	4	6.806	6.364	-0.442
25	5	6.770	6.245	-0.525
20	6	6.791	6.423	-0.368
20	7	6.822	6.570	-0.252
20	8	6.952	6.684	-0.268
20	9	6.899	6.580	-0.319
20	10	6.778	6.537	-0.241
35	11	6.873	6.343	-0.530
35	12	6.808	6.363	-0.445
35	13	6.832	6.327	-0.505
35	14	6.880	6.417	-0.463
35	15	6.856	6.430	-0.426
30	16	6.823	6.612	-0.211
30	17	6.846	6.494	-0.352
30	18	6.806	6.522	-0.284
30	19	6.792	6.483	-0.309
30	20	6.804	6.470	-0.334
55	21	6.885	6.258	-0.627
55	22	6.848	6.430	-0.418
55	23	6.811	6.274	-0.537
55	24	6.802	6.286	-0.516
55	25	6.796	6.286	-0.510
55	26	6.783	6.222	-0.561
55	27	6.835	6.312	-0.523
55	28	6.777	6.227	-0.550
55	29	6.855	6.239	-0.616
55	30	6.761	6.219	-0.542
55	31	6.744	6.201	-0.543
55	32	6.739	6.186	-0.553
55	33	6.754	6.202	-0.552
55	34	6.785	6.231	-0.554
55	35	6.832	6.248	-0.584
55	36	6.759	6.150	-0.609
55	37	6.763	6.281	-0.482
55	38	6.753	6.213	-0.540
55	39	6.817	6.292	-0.525
55	40	6.795	6.300	-0.495
55	41	6.822	6.289	-0.533
55	42	6.838	6.321	-0.517
50	43	6.869	6.418	-0.451
50	44	6.784	6.462	-0.322
50	45	6.790	6.366	-0.424
50	46	6.872	6.426	-0.446
50	47	6.837	6.441	-0.396
	Max	6.952	6.684	-0.177
	Average	6.816	6.360	-0.456
	Min	6.739	6.150	-0.627
	Std Dev	0.045	0.132	0.114



13.12_OUTB_FALL_1MHZ_5V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

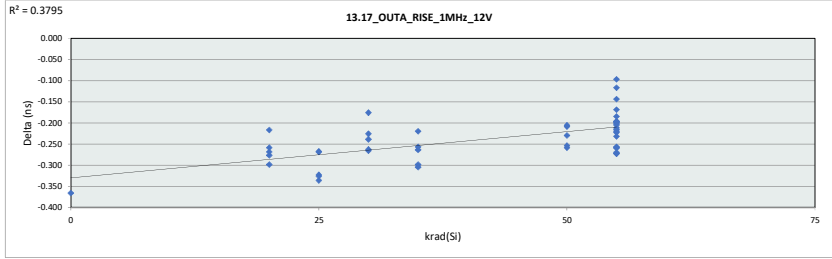
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.667	6.423	6.245	6.470	6.327	6.366	6.150
Average	6.667	6.559	6.319	6.516	6.376	6.423	6.258
Max	6.667	6.684	6.364	6.612	6.430	6.462	6.430
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

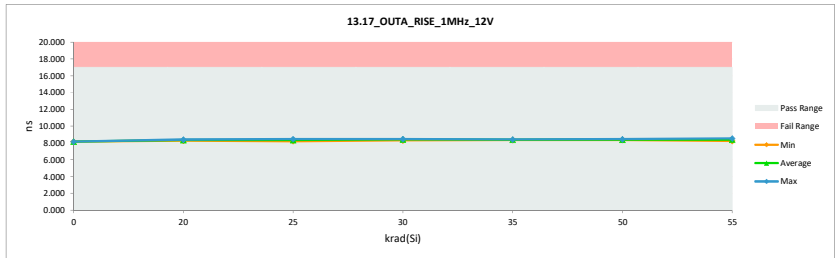
13.17_OUTA_RISE_1MHZ_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.544	8.179	-0.365
25	1	8.730	8.395	-0.335
25	2	8.557	8.235	-0.322
25	3	8.605	8.338	-0.267
25	4	8.811	8.486	-0.325
25	5	8.649	8.381	-0.268
20	6	8.635	8.377	-0.258
20	7	8.673	8.405	-0.268
20	8	8.614	8.398	-0.216
20	9	8.675	8.377	-0.298
20	10	8.567	8.291	-0.276
35	11	8.654	8.356	-0.298
35	12	8.635	8.416	-0.219
35	13	8.658	8.395	-0.263
35	14	8.683	8.427	-0.256
35	15	8.678	8.374	-0.304
30	16	8.632	8.457	-0.175
30	17	8.696	8.434	-0.262
30	18	8.683	8.445	-0.238
30	19	8.713	8.488	-0.225
30	20	8.587	8.322	-0.265
55	21	8.534	8.262	-0.272
55	22	8.607	8.396	-0.211
55	23	8.547	8.288	-0.259
55	24	8.544	8.376	-0.168
55	25	8.656	8.399	-0.257
55	26	8.633	8.436	-0.197
55	27	8.658	8.463	-0.195
55	28	8.598	8.401	-0.197
55	29	8.643	8.547	-0.096
55	30	8.635	8.404	-0.231
55	31	8.611	8.392	-0.219
55	32	8.678	8.478	-0.200
55	33	8.591	8.322	-0.269
55	34	8.605	8.349	-0.256
55	35	8.518	8.314	-0.204
55	36	8.542	8.327	-0.215
55	37	8.558	8.374	-0.184
55	38	8.586	8.443	-0.143
55	39	8.662	8.546	-0.116
55	40	8.571	8.299	-0.272
55	41	8.682	8.485	-0.197
55	42	8.670	8.448	-0.222
50	43	8.586	8.378	-0.208
50	44	8.681	8.423	-0.258
50	45	8.630	8.401	-0.229
50	46	8.723	8.470	-0.253
50	47	8.628	8.423	-0.205
	Max	8.811	8.547	-0.096
	Average	8.630	8.392	-0.238
	Min	8.518	8.179	-0.365
	Std Dev	0.060	0.074	0.053



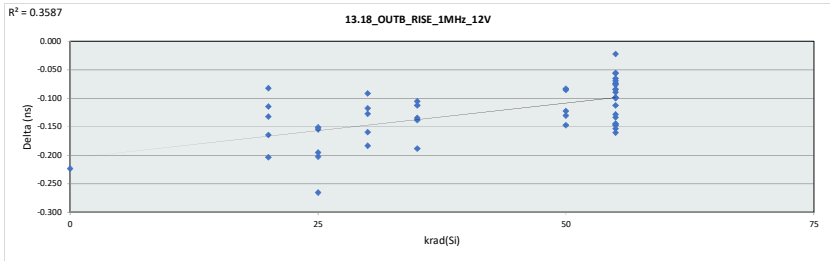
13.17_OUTA_RISE_1MHZ_12V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.179	8.291	8.235	8.322	8.356	8.378	8.262
Average	8.179	8.370	8.367	8.429	8.394	8.419	8.398
Max	8.179	8.405	8.486	8.488	8.427	8.470	8.547
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

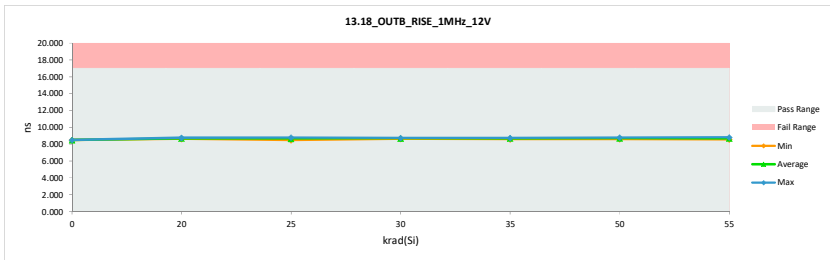
13.18_OUTB_RISE_1MHZ_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.729	8.506	-0.223
25	1	8.907	8.705	-0.202
25	2	8.756	8.491	-0.265
25	3	8.778	8.624	-0.154
25	4	8.994	8.799	-0.195
25	5	8.847	8.696	-0.151
20	6	8.817	8.653	-0.164
20	7	8.850	8.768	-0.082
20	8	8.796	8.682	-0.114
20	9	8.857	8.654	-0.203
20	10	8.774	8.642	-0.132
35	11	8.795	8.661	-0.134
35	12	8.808	8.696	-0.112
35	13	8.796	8.608	-0.188
35	14	8.870	8.732	-0.138
35	15	8.853	8.748	-0.105
30	16	8.843	8.752	-0.091
30	17	8.843	8.684	-0.159
30	18	8.868	8.751	-0.117
30	19	8.911	8.728	-0.183
30	20	8.768	8.641	-0.127
55	21	8.706	8.573	-0.133
55	22	8.801	8.779	-0.022
55	23	8.733	8.605	-0.128
55	24	8.757	8.612	-0.145
55	25	8.840	8.771	-0.069
55	26	8.791	8.692	-0.099
55	27	8.837	8.753	-0.084
55	28	8.776	8.632	-0.144
55	29	8.828	8.730	-0.098
55	30	8.859	8.770	-0.089
55	31	8.805	8.740	-0.065
55	32	8.875	8.819	-0.056
55	33	8.784	8.685	-0.099
55	34	8.754	8.607	-0.147
55	35	8.698	8.622	-0.076
55	36	8.689	8.577	-0.112
55	37	8.753	8.679	-0.074
55	38	8.743	8.670	-0.073
55	39	8.844	8.789	-0.055
55	40	8.733	8.649	-0.084
55	41	8.852	8.699	-0.153
55	42	8.840	8.680	-0.160
50	43	8.772	8.625	-0.147
50	44	8.893	8.808	-0.085
50	45	8.799	8.716	-0.083
50	46	8.906	8.776	-0.130
50	47	8.800	8.678	-0.122
Max		8.994	8.819	-0.022
Average		8.811	8.687	-0.124
Min		8.689	8.491	-0.265
Std Dev		0.062	0.075	0.048

13.18_OUTB_RISE_1MHZ_12V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

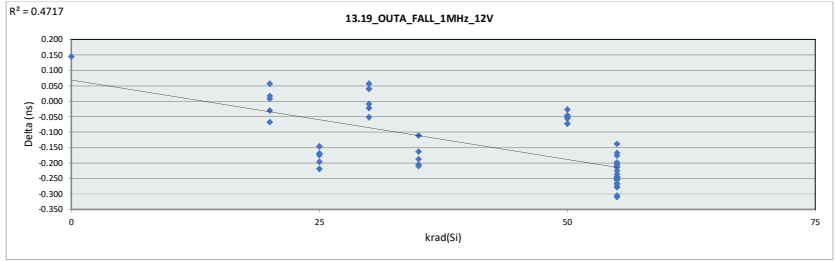
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.506	8.642	8.491	8.641	8.608	8.625	8.573
Average	8.506	8.680	8.663	8.711	8.689	8.721	8.688
Max	8.506	8.768	8.799	8.752	8.748	8.808	8.819
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

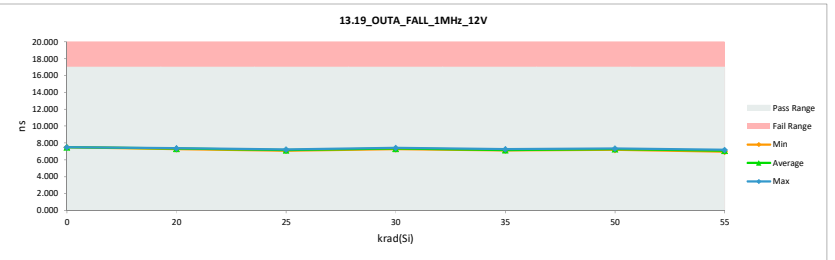
13.19_OUTA_FALL_1MHz_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.349	7.494	0.145
25	1	7.387	7.192	-0.195
25	2	7.280	7.107	-0.173
25	3	7.281	7.113	-0.168
25	4	7.377	7.232	-0.145
25	5	7.338	7.120	-0.218
20	6	7.312	7.283	-0.029
20	7	7.324	7.342	0.018
20	8	7.374	7.383	0.009
20	9	7.405	7.338	-0.067
20	10	7.283	7.341	0.058
35	11	7.364	7.178	-0.186
35	12	7.300	7.138	-0.162
35	13	7.344	7.135	-0.209
35	14	7.379	7.269	-0.110
35	15	7.321	7.117	-0.204
30	16	7.324	7.365	0.041
30	17	7.373	7.322	-0.051
30	18	7.357	7.336	-0.021
30	19	7.352	7.410	0.058
30	20	7.272	7.264	-0.008
55	21	7.308	7.031	-0.277
55	22	7.341	7.138	-0.203
55	23	7.303	7.036	-0.267
55	24	7.321	7.044	-0.277
55	25	7.387	7.122	-0.265
55	26	7.354	7.142	-0.212
55	27	7.348	7.173	-0.175
55	28	7.297	7.061	-0.236
55	29	7.384	7.160	-0.224
55	30	7.330	7.084	-0.246
55	31	7.316	7.072	-0.244
55	32	7.332	7.028	-0.304
55	33	7.320	7.071	-0.249
55	34	7.361	7.114	-0.247
55	35	7.326	7.073	-0.253
55	36	7.268	7.058	-0.210
55	37	7.262	7.096	-0.166
55	38	7.253	7.116	-0.137
55	39	7.377	7.180	-0.197
55	40	7.287	6.978	-0.309
55	41	7.304	7.052	-0.252
55	42	7.332	7.120	-0.212
50	43	7.336	7.285	-0.051
50	44	7.270	7.225	-0.045
50	45	7.263	7.191	-0.072
50	46	7.406	7.351	-0.055
50	47	7.328	7.302	-0.026
	Max	7.406	7.494	0.145
	Average	7.329	7.183	-0.146
	Min	7.253	6.978	-0.309
	Std Dev	0.040	0.122	0.113



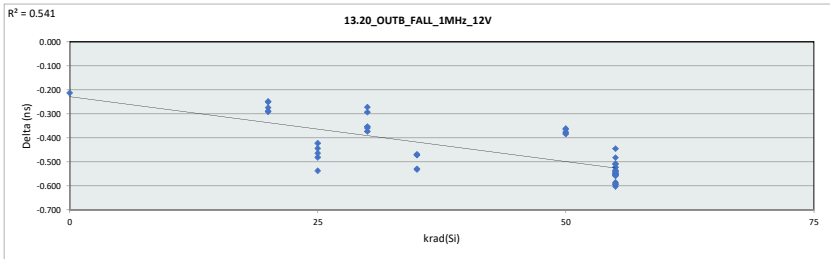
13.19_OUTA_FALL_1MHz_12V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.494	7.283	7.107	7.264	7.117	7.191	6.978
Average	7.494	7.337	7.153	7.339	7.167	7.271	7.089
Max	7.494	7.383	7.232	7.410	7.269	7.351	7.180
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

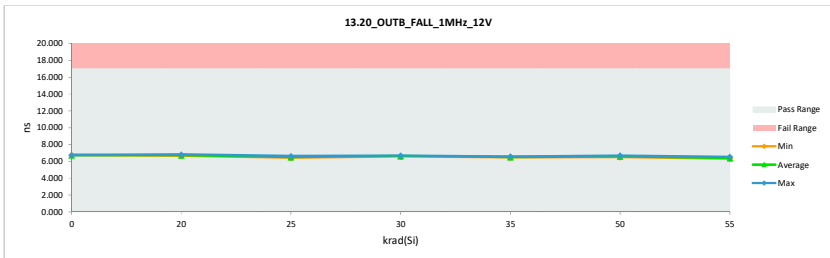
13.20_OUTB_FALL_1MHZ_12V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.977	6.765	-0.212
25	1	7.091	6.648	-0.443
25	2	6.915	6.452	-0.463
25	3	6.919	6.439	-0.480
25	4	7.060	6.639	-0.421
25	5	6.962	6.426	-0.536
20	6	6.971	6.683	-0.288
20	7	6.996	6.723	-0.273
20	8	7.082	6.834	-0.248
20	9	7.068	6.778	-0.290
20	10	6.917	6.668	-0.249
35	11	7.021	6.490	-0.531
35	12	6.995	6.527	-0.468
35	13	6.998	6.470	-0.528
35	14	7.061	6.592	-0.469
35	15	6.997	6.526	-0.471
30	16	6.985	6.714	-0.271
30	17	7.021	6.663	-0.358
30	18	7.000	6.708	-0.292
30	19	7.004	6.632	-0.372
30	20	6.923	6.571	-0.352
55	21	6.973	6.380	-0.593
55	22	6.997	6.553	-0.444
55	23	6.935	6.398	-0.537
55	24	6.982	6.398	-0.584
55	25	6.994	6.445	-0.549
55	26	6.952	6.350	-0.602
55	27	7.003	6.454	-0.549
55	28	6.932	6.377	-0.555
55	29	7.013	6.425	-0.588
55	30	6.976	6.469	-0.507
55	31	6.934	6.453	-0.481
55	32	6.971	6.414	-0.557
55	33	6.910	6.361	-0.549
55	34	6.964	6.422	-0.542
55	35	6.979	6.386	-0.593
55	36	6.876	6.338	-0.538
55	37	6.919	6.411	-0.508
55	38	6.899	6.377	-0.522
55	39	7.034	6.482	-0.552
55	40	6.928	6.407	-0.521
55	41	7.000	6.466	-0.534
55	42	7.006	6.460	-0.546
50	43	6.991	6.608	-0.383
50	44	6.958	6.584	-0.374
50	45	6.912	6.532	-0.380
50	46	7.071	6.708	-0.363
50	47	6.961	6.601	-0.360
	Max	7.091	6.834	-0.212
	Average	6.980	6.525	-0.455
	Min	6.876	6.338	-0.602
	Std Dev	0.051	0.131	0.111

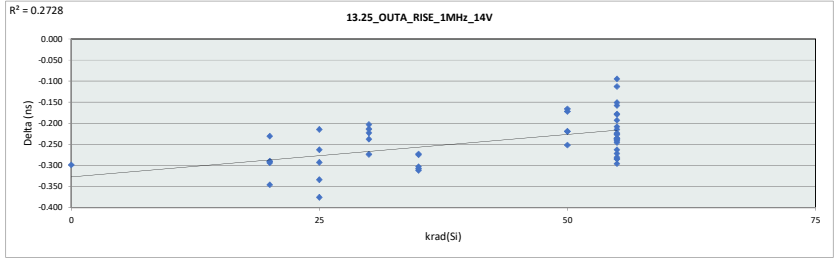
13.20_OUTB_FALL_1MHZ_12V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.765	6.668	6.426	6.571	6.470	6.532	6.338
Average	6.765	6.737	6.521	6.658	6.521	6.607	6.419
Max	6.765	6.834	6.648	6.714	6.592	6.708	6.553
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

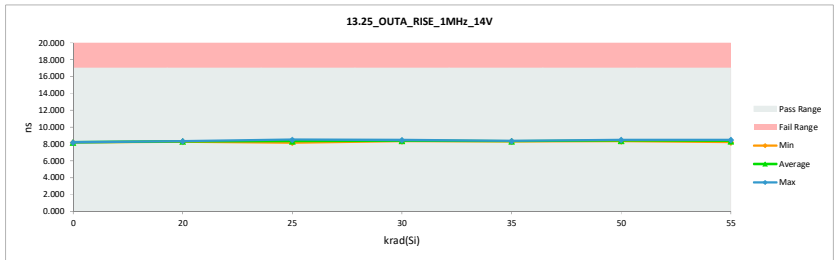
13.25_OUTA_RISE_1MHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.500	8.202	-0.298
25	1	8.710	8.377	-0.333
25	2	8.539	8.164	-0.375
25	3	8.570	8.278	-0.292
25	4	8.781	8.519	-0.262
25	5	8.603	8.389	-0.214
20	6	8.612	8.322	-0.290
20	7	8.641	8.352	-0.289
20	8	8.577	8.284	-0.293
20	9	8.628	8.283	-0.345
20	10	8.543	8.313	-0.230
35	11	8.628	8.317	-0.311
35	12	8.638	8.366	-0.272
35	13	8.647	8.373	-0.274
35	14	8.654	8.347	-0.307
35	15	8.646	8.344	-0.302
30	16	8.626	8.353	-0.273
30	17	8.643	8.406	-0.237
30	18	8.644	8.422	-0.222
30	19	8.680	8.467	-0.213
30	20	8.547	8.345	-0.202
55	21	8.518	8.292	-0.226
55	22	8.585	8.378	-0.207
55	23	8.505	8.234	-0.271
55	24	8.548	8.264	-0.284
55	25	8.629	8.388	-0.241
55	26	8.597	8.405	-0.192
55	27	8.604	8.426	-0.178
55	28	8.574	8.290	-0.284
55	29	8.618	8.506	-0.112
55	30	8.651	8.437	-0.214
55	31	8.561	8.384	-0.177
55	32	8.659	8.379	-0.280
55	33	8.564	8.302	-0.262
55	34	8.568	8.330	-0.238
55	35	8.497	8.274	-0.223
55	36	8.519	8.224	-0.295
55	37	8.530	8.380	-0.150
55	38	8.538	8.444	-0.094
55	39	8.644	8.487	-0.157
55	40	8.527	8.282	-0.245
55	41	8.635	8.400	-0.235
55	42	8.639	8.404	-0.235
50	43	8.576	8.357	-0.219
50	44	8.667	8.496	-0.171
50	45	8.597	8.432	-0.165
50	46	8.696	8.478	-0.218
50	47	8.602	8.351	-0.251
	Max	8.781	8.519	-0.094
	Average	8.602	8.359	-0.243
	Min	8.497	8.164	-0.375
	Std Dev	0.060	0.080	0.058

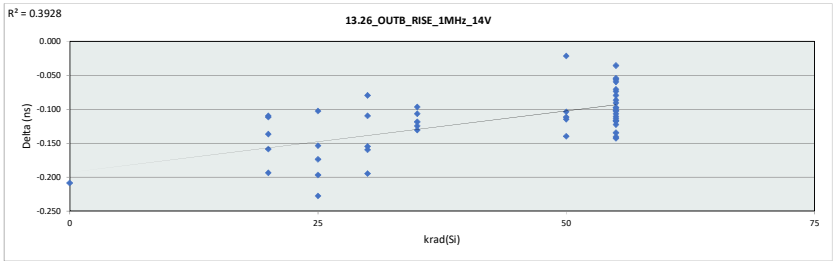
13.25_OUTA_RISE_1MHz_14V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.202	8.283	8.164	8.345	8.317	8.351	8.224
Average	8.202	8.311	8.345	8.399	8.349	8.423	8.360
Max	8.202	8.352	8.519	8.467	8.373	8.496	8.506
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

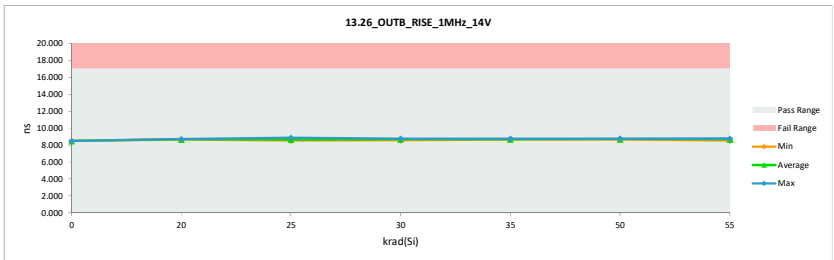
13.26_OUTB_RISE_1MHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	8.695	8.487	-0.208
25	1	8.863	8.667	-0.196
25	2	8.747	8.520	-0.227
25	3	8.762	8.589	-0.173
25	4	8.983	8.881	-0.102
25	5	8.831	8.678	-0.153
20	6	8.821	8.663	-0.158
20	7	8.838	8.702	-0.136
20	8	8.808	8.697	-0.111
20	9	8.849	8.656	-0.193
20	10	8.761	8.652	-0.109
35	11	8.785	8.655	-0.130
35	12	8.810	8.686	-0.124
35	13	8.793	8.675	-0.118
35	14	8.853	8.757	-0.096
35	15	8.820	8.714	-0.106
30	16	8.833	8.724	-0.109
30	17	8.851	8.697	-0.154
30	18	8.840	8.761	-0.079
30	19	8.882	8.688	-0.194
30	20	8.760	8.601	-0.159
55	21	8.705	8.592	-0.113
55	22	8.793	8.692	-0.101
55	23	8.726	8.592	-0.134
55	24	8.733	8.616	-0.117
55	25	8.812	8.753	-0.059
55	26	8.818	8.721	-0.097
55	27	8.820	8.730	-0.090
55	28	8.745	8.629	-0.116
55	29	8.791	8.737	-0.054
55	30	8.838	8.716	-0.122
55	31	8.794	8.715	-0.079
55	32	8.841	8.768	-0.073
55	33	8.765	8.655	-0.110
55	34	8.742	8.645	-0.097
55	35	8.684	8.628	-0.056
55	36	8.681	8.539	-0.142
55	37	8.719	8.684	-0.035
55	38	8.748	8.678	-0.070
55	39	8.856	8.754	-0.102
55	40	8.711	8.625	-0.086
55	41	8.834	8.694	-0.140
55	42	8.827	8.721	-0.106
50	43	8.766	8.655	-0.111
50	44	8.873	8.734	-0.139
50	45	8.772	8.751	-0.021
50	46	8.875	8.761	-0.114
50	47	8.780	8.677	-0.103
	Max	8.983	8.881	-0.021
	Average	8.797	8.679	-0.117
	Min	8.681	8.487	-0.227
	Std Dev	0.060	0.070	0.043

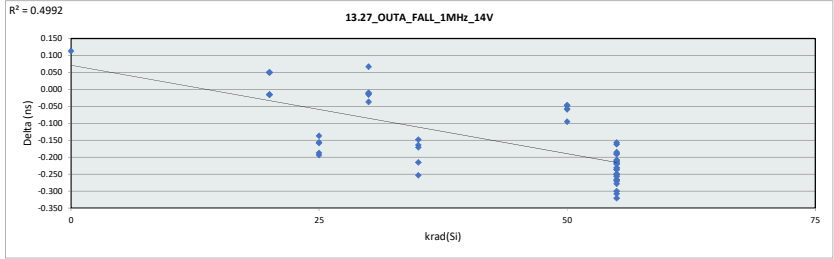
13.26_OUTB_RISE_1MHz_14V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	8.487	8.652	8.520	8.601	8.655	8.655	8.539
Average	8.487	8.674	8.667	8.694	8.697	8.716	8.677
Max	8.487	8.702	8.881	8.761	8.757	8.761	8.768
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

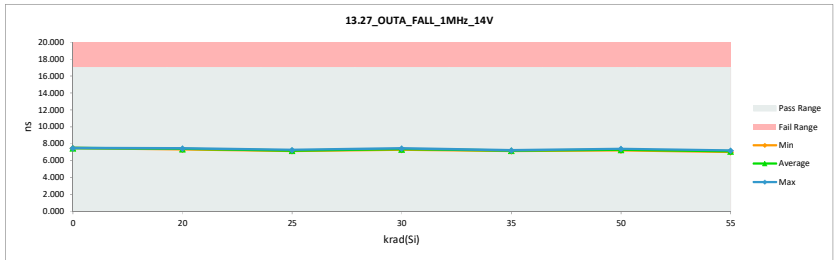
13.27_OUTA_FALL_1MHz_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4



krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	7.373	7.487	0.114
25	1	7.404	7.211	-0.193
25	2	7.304	7.149	-0.155
25	3	7.300	7.143	-0.157
25	4	7.398	7.262	-0.136
25	5	7.343	7.157	-0.186
20	6	7.327	7.313	-0.014
20	7	7.347	7.333	-0.014
20	8	7.398	7.450	0.052
20	9	7.441	7.426	-0.015
20	10	7.320	7.370	0.050
35	11	7.381	7.211	-0.170
35	12	7.323	7.176	-0.147
35	13	7.369	7.206	-0.163
35	14	7.402	7.150	-0.252
35	15	7.337	7.123	-0.214
30	16	7.355	7.341	-0.014
30	17	7.374	7.338	-0.036
30	18	7.369	7.358	-0.011
30	19	7.372	7.440	0.068
30	20	7.296	7.287	-0.009
55	21	7.334	7.069	-0.265
55	22	7.361	7.171	-0.190
55	23	7.316	7.081	-0.235
55	24	7.339	7.109	-0.230
55	25	7.404	7.097	-0.307
55	26	7.356	7.195	-0.161
55	27	7.364	7.129	-0.235
55	28	7.325	7.005	-0.320
55	29	7.400	7.181	-0.219
55	30	7.351	7.138	-0.213
55	31	7.328	7.144	-0.184
55	32	7.345	7.046	-0.299
55	33	7.346	7.090	-0.256
55	34	7.386	7.117	-0.269
55	35	7.350	7.099	-0.251
55	36	7.303	7.093	-0.210
55	37	7.293	7.104	-0.189
55	38	7.266	7.110	-0.156
55	39	7.401	7.183	-0.218
55	40	7.298	7.050	-0.248
55	41	7.334	7.057	-0.277
55	42	7.342	7.135	-0.207
50	43	7.356	7.298	-0.058
50	44	7.303	7.258	-0.045
50	45	7.269	7.213	-0.056
50	46	7.436	7.389	-0.047
50	47	7.358	7.264	-0.094
	Max	7.441	7.487	0.114
	Average	7.350	7.203	-0.147
	Min	7.266	7.005	-0.320
	Std Dev	0.040	0.121	0.111

13.27_OUTA_FALL_1MHz_14V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

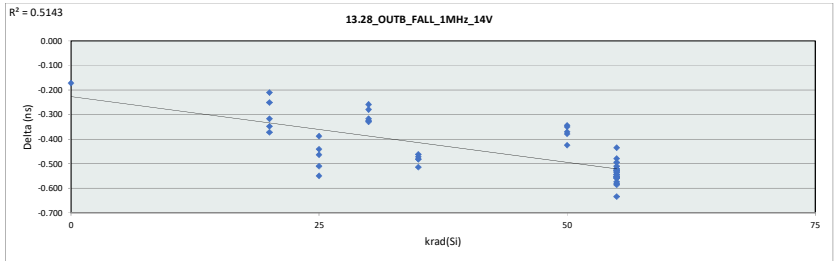
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.487	7.313	7.143	7.287	7.123	7.213	7.005
Average	7.487	7.378	7.184	7.353	7.173	7.284	7.109
Max	7.487	7.450	7.262	7.440	7.211	7.389	7.195
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

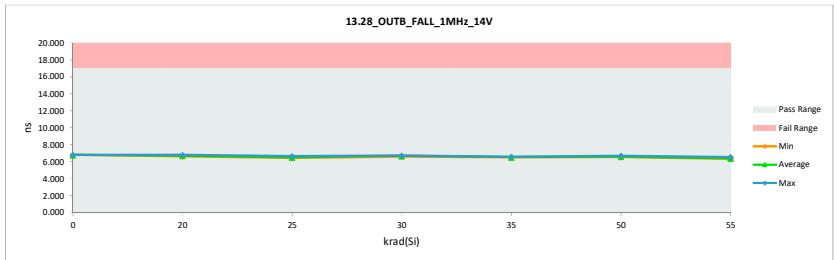
13.28_OUTB_FALL_1MHZ_14V	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	16.5
Min Limit	4

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	6.982	6.811	-0.171
25	1	7.096	6.587	-0.509
25	2	6.917	6.477	-0.440
25	3	6.918	6.455	-0.463
25	4	7.053	6.666	-0.387
25	5	6.983	6.434	-0.549
20	6	6.974	6.627	-0.347
20	7	6.986	6.670	-0.316
20	8	7.066	6.816	-0.250
20	9	7.084	6.713	-0.371
20	10	6.906	6.697	-0.209
35	11	7.025	6.512	-0.513
35	12	6.990	6.510	-0.480
35	13	7.020	6.549	-0.471
35	14	7.069	6.588	-0.481
35	15	6.994	6.533	-0.461
30	16	6.988	6.730	-0.258
30	17	7.026	6.702	-0.324
30	18	7.002	6.724	-0.278
30	19	7.019	6.691	-0.328
30	20	6.928	6.612	-0.316
55	21	6.970	6.337	-0.633
55	22	7.001	6.567	-0.434
55	23	6.952	6.394	-0.558
55	24	6.973	6.439	-0.534
55	25	6.993	6.468	-0.525
55	26	6.964	6.412	-0.552
55	27	7.005	6.485	-0.520
55	28	6.935	6.356	-0.579
55	29	7.017	6.490	-0.527
55	30	6.990	6.496	-0.494
55	31	6.927	6.449	-0.478
55	32	6.976	6.424	-0.552
55	33	6.910	6.401	-0.509
55	34	6.964	6.379	-0.585
55	35	6.989	6.433	-0.556
55	36	6.891	6.371	-0.520
55	37	6.907	6.378	-0.529
55	38	6.903	6.360	-0.543
55	39	7.035	6.477	-0.558
55	40	6.927	6.384	-0.543
55	41	6.997	6.447	-0.550
55	42	7.008	6.435	-0.573
50	43	6.991	6.622	-0.369
50	44	6.987	6.563	-0.424
50	45	6.916	6.538	-0.378
50	46	7.059	6.710	-0.349
50	47	6.958	6.615	-0.343
	Max	7.096	6.816	-0.171
	Average	6.983	6.532	-0.451
	Min	6.891	6.337	-0.633
	Std Dev	0.050	0.129	0.112



13.28_OUTB_FALL_1MHZ_14V	
Test Site	
Tester	
Test Number	
Max Limit	17
Min Limit	0

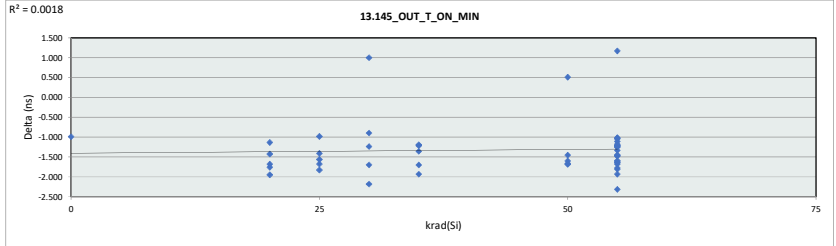
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.811	6.627	6.434	6.612	6.510	6.538	6.337
Average	6.811	6.705	6.524	6.692	6.538	6.610	6.426
Max	6.811	6.816	6.666	6.730	6.588	6.710	6.567
UL	17.000	17.000	17.000	17.000	17.000	17.000	17.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

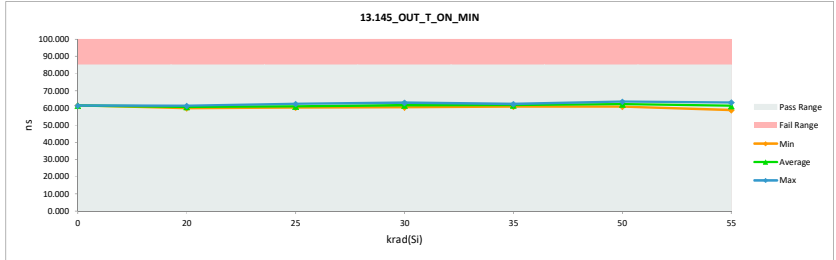
13.145_OUT_T_ON_MIN	
Test Site	
Tester	
Test Number	
Unit	ns
Max Limit	85
Min Limit	0

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	62.428	61.446	-0.982
25	1	62.628	60.806	-1.822
25	2	62.069	61.094	-0.975
25	3	64.091	62.420	-1.671
25	4	61.828	60.271	-1.557
25	5	61.667	60.263	-1.404
20	6	62.166	60.746	-1.420
20	7	62.340	60.589	-1.751
20	8	62.388	61.260	-1.128
20	9	61.827	59.884	-1.943
20	10	62.504	60.830	-1.674
35	11	62.590	60.896	-1.694
35	12	63.113	61.902	-1.211
35	13	64.061	62.135	-1.926
35	14	63.649	62.299	-1.350
35	15	62.310	61.127	-1.183
30	16	62.077	63.084	1.007
30	17	61.302	60.411	-0.891
30	18	63.028	60.850	-2.178
30	19	63.637	62.407	-1.230
30	20	62.795	61.104	-1.691
55	21	60.596	61.774	1.178
55	22	64.012	62.337	-1.675
55	23	60.054	58.817	-1.237
55	24	63.203	61.565	-1.638
55	25	62.977	61.875	-1.102
55	26	62.756	60.831	-1.925
55	27	64.818	63.049	-1.769
55	28	61.864	60.539	-1.325
55	29	62.292	61.080	-1.212
55	30	63.785	62.341	-1.444
55	31	61.656	60.035	-1.621
55	32	62.072	60.901	-1.171
55	33	62.806	61.217	-1.589
55	34	61.234	59.772	-1.462
55	35	60.913	59.896	-1.017
55	36	63.282	62.243	-1.039
55	37	62.151	61.141	-1.010
55	38	63.444	62.201	-1.243
55	39	62.528	60.219	-2.309
55	40	62.468	60.995	-1.473
55	41	65.067	63.266	-1.801
55	42	63.424	62.220	-1.204
50	43	62.890	61.232	-1.658
50	44	65.401	63.725	-1.676
50	45	63.933	62.485	-1.448
50	46	62.374	60.782	-1.592
50	47	62.677	63.194	0.517
	Max	65.401	63.725	1.178
	Average	62.691	61.366	-1.325
	Min	60.054	58.817	-2.309
	Std Dev	1.084	1.052	0.668



13.145_OUT_T_ON_MIN	
Test Site	
Tester	
Test Number	
Max Limit	85
Min Limit	0

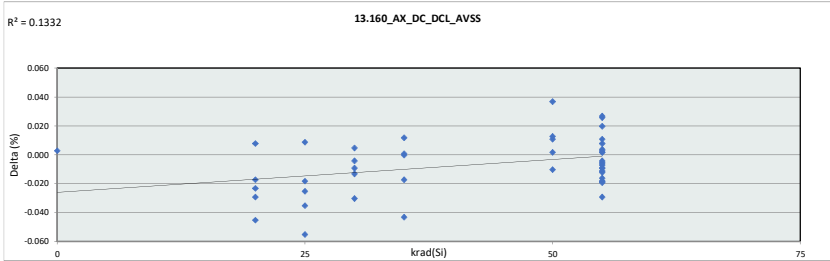
krad(Si)	0	20	25	30	35	50	55
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	61.446	59.884	60.263	60.411	60.896	60.782	58.817
Average	61.446	60.662	60.971	61.571	61.672	62.284	61.287
Max	61.446	61.260	62.420	63.084	62.299	63.725	63.266
UL	85.000	85.000	85.000	85.000	85.000	85.000	85.000



HDR TID Report	
TPS7H5008-SEP	
krad(Si)	Description
20	20 krad Unbiased
25	20 krad Biased
30	30 krad Unbiased
35	30 krad Biased
50	50 krad Unbiased
55	50 krad Biased

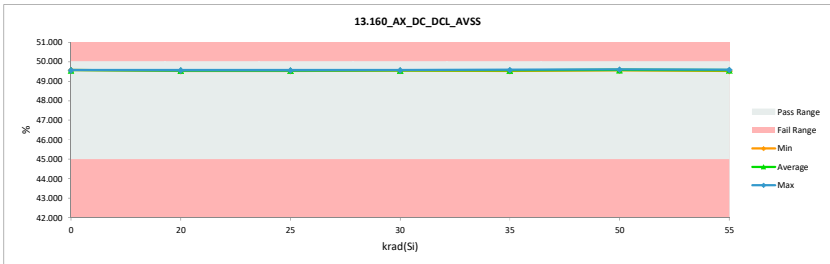
13.160_AX_DC_DCL_AVSS		
Test Site		
Tester		
Test Number		
Unit	%	%
Max Limit	50	50
Min Limit	45	45

krad(Si)	Serial #	5008_SEP_Pre_HDR	5008_SEP_Post_HDR	Delta
0	48	49.574	49.577	0.003
25	1	49.594	49.539	-0.055
25	2	49.587	49.569	-0.018
25	3	49.555	49.564	0.009
25	4	49.573	49.548	-0.025
25	5	49.593	49.558	-0.035
20	6	49.570	49.547	-0.023
20	7	49.568	49.539	-0.029
20	8	49.589	49.544	-0.045
20	9	49.568	49.551	-0.017
20	10	49.562	49.570	0.008
35	11	49.557	49.558	0.001
35	12	49.581	49.593	0.012
35	13	49.574	49.557	-0.017
35	14	49.585	49.542	-0.043
35	15	49.566	49.566	0.000
30	16	49.574	49.565	-0.009
30	17	49.570	49.575	0.005
30	18	49.561	49.548	-0.013
30	19	49.584	49.554	-0.030
30	20	49.573	49.569	-0.004
55	21	49.590	49.584	-0.006
55	22	49.562	49.573	0.011
55	23	49.566	49.592	0.026
55	24	49.570	49.597	0.027
55	25	49.562	49.544	-0.018
55	26	49.589	49.597	0.008
55	27	49.577	49.579	0.002
55	28	49.571	49.555	-0.016
55	29	49.560	49.549	-0.011
55	30	49.573	49.577	0.004
55	31	49.567	49.538	-0.029
55	32	49.579	49.581	0.002
55	33	49.556	49.552	-0.004
55	34	49.572	49.592	0.020
55	35	49.571	49.553	-0.018
55	36	49.575	49.578	0.003
55	37	49.574	49.562	-0.012
55	38	49.555	49.546	-0.009
55	39	49.559	49.552	-0.007
55	40	49.583	49.574	-0.009
55	41	49.570	49.565	-0.005
55	42	49.582	49.563	-0.019
50	43	49.572	49.609	0.037
50	44	49.580	49.582	0.002
50	45	49.575	49.586	0.011
50	46	49.556	49.569	0.013
50	47	49.587	49.577	-0.010
Max		49.594	49.609	0.037
Average		49.573	49.566	-0.007
Min		49.555	49.538	-0.055
Std Dev		0.011	0.018	0.019



13.160_AX_DC_DCL_AVSS		
Test Site		
Tester		
Test Number		
Max Limit	50	%
Min Limit	45	%

krad(Si)	0	20	25	30	35	50	55
LL	45.000	45.000	45.000	45.000	45.000	45.000	45.000
Min	49.577	49.539	49.539	49.548	49.542	49.569	49.538
Average	49.577	49.550	49.556	49.562	49.563	49.585	49.568
Max	49.577	49.570	49.569	49.575	49.593	49.609	49.597
UL	50.000	50.000	50.000	50.000	50.000	50.000	50.000



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